

Overheating Assessment

Victoria Point

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Executive Summary

This Approved Document Part O, CIBSE TM59, CIBSE TM52, and ISO 7730 thermal comfort analysis has been prepared to support the planning application for the Victoria Point development, and to assess the BREEAM Hea 04 thermal comfort credits achieved. This report demonstrates conformity with Policy EN8 of the Manchester Core Strategy, which highlights the need to control overheating of buildings through passive design. As a result of this analysis, two of the three BREEAM Hea04 credits (thermal modelling and design for future thermal comfort) are achieved. The third credit (zoning and controls) can be achieved, subject to detailed design of the thermal zoning and control strategies at RIBA Stage 4.

This report sets out the overheating strategy and assessment results for all residential and non-residential spaces within the development. The results demonstrate that a strategy for overheating mitigation, in line with Approved Document Part O, CIBSE TM59, and CIBSE TM52 is to limit solar gains, utilise thermal mass (in the form of increased plasterboard thickness) and night purge using either natural ventilation or mechanical ventilation in the form of a purge fan to cool the structure, depending on acoustic constraints. Non-domestic spaces on the ground floor are mechanically conditioned with comfort cooling in line with ISO 7730:2005.

A full dynamic thermal comfort analysis has been carried out using design summer conditions for a typical year under the mandatory weather file (Manchester_DSY1_2020High50). The thermal comfort analysis has informed the temperature zoning and control strategy for the building. Further analysis involves using design summer conditions under three further climate change scenarios (Manchester_DSY2_2020High50, Manchester_DSY3_2020High50, and Manchester_DSY1_2050High50).

The thermal modelling has been completed in accordance with CIBSE TM59 (Design Methodology for the Assessment of Overheating Risk in Homes) 2017, CIBSE TM52 (The limits of thermal comfort: avoiding overheating in European buildings) 2015, Approved Document Part O (Requirement O1: Overheating mitigation) 2021, CIBSE AM11 (Building Performance Modelling) 2015, and the modelling software IESVE (2023) user manuals for completing thermal analysis assessments. Mechanically cooled spaces have been assessed against the CIBSE Guide A (2015) recommended winter and summer operative temperature ranges and ISO7730:2005 for air-conditioned buildings. The thermal modelling has applied the cooling hierarchy of minimising internal heat gains, applying passive measures, providing natural ventilation, and providing mechanical ventilation with heat recovery to avoid active cooling and reduce operational energy consumption.

The results from the thermal modelling confirm that under the mandatory climate change weather file for the region (DSY1 - Design Summer Year 1), all occupied spaces achieve compliance. Where spaces have not passed the DSY2, DSY3 and future climate change weather files, future mitigation measures have been outlined.

The overall ventilation strategy is to provide MVHR for general ventilation, with the addition of large natural ventilation openings for summertime overheating mitigation. Minimum MVHR flowrates for studios, bedrooms, and communal spaces are 21l/s, 8l/s, and 13l/s respectively, in line with Part F. These flow rates can be enhanced by a mechanical boost mode designed for overheating mitigation that is controlled by the occupant. Here, ventilation to studios, bedrooms, and communal spaces can be increased to 40l/s, 14l/s, and 34l/s respectively. Blocks 1-3 are understood to have no acoustic restraints to using natural ventilation as a means of overheating mitigation. Several spaces in Blocks 4-5+ are understood to have significant acoustic issues that restrict the use of openable windows for overheating mitigation. Where acoustic limitations prevent window opening, occupant-controlled purge fans are provided for supplementary overheating mitigation with a design extract rate of 90l/s with natural make up air through ducted louvre grilles.

Deep window reveals (225mm) have been provided, along with reduced glazing percentages to minimise solar gains. All plasterboard layers will be 25mm thick to maximise the amount of exposed thermal mass for night cooling.

TM59 compliance summary for the domestic spaces within the Victoria Point development

Weather file	Description	Room type	Compliance rate (%)				
			Block 1	Block 2	Block 3	Block 4	Block 5+
DSY1 2020	A hot but not extreme summer (mandatory for compliance)	Bedrooms/Studios	100%	100%	100%	100%	100%
		Living/Kitchens	-	100%	100%	100%	100%
		Circulation	100%	100%	100%	100%	100%
DSY2 2020	A year with a single, very intense warm spell (BREEAM Future)	Bedrooms/Studios	100%	100%	100%	100%	100%
		Living/Kitchens	-	100%	100%	100%	100%
		Circulation	100%	100%	100%	100%	100%
DSY3 2020	A year with a prolonged period of sustained warmth (BREEAM Future)	Bedrooms/Studios	100%	99%	99%	100%	100%
		Living/Kitchens	-	97%	97%	96%	100%
		Circulation	100%	100%	100%	100%	97%
DSY1 2050	A hot but not extreme summer, adjusted for the impact of climate change	Bedrooms/Studios	100%	99%	99%	100%	100%
		Living/Kitchens	-	100%	100%	100%	100%
		Circulation	100%	100%	100%	100%	100%

TM52 compliance summary for the non-domestic, naturally ventilated spaces in the Victoria Point development

Weather file	Spaces meeting assessment criteria (%)			TM52 compliance rate (%)
	Criterion 1	Criterion 2	Criterion 3	
DSY1 2020	100%	100%	100%	100%
DSY2 2020	100%	11%	100%	100%
DSY3 2020	100%	67%	100%	100%
DSY1 2050	100%	95%	100%	100%

ISO 7730 compliance summary for air-conditioned spaces in the Victoria Point development

Weather file	Thermal comfort in the worst performing space (97th centile)		ISO 7730 compliance rate
	PMV	PPD	
DSY1 2020	0.47	9.6	100%
DSY2 2020	0.47	9.5	100%
DSY3 2020	0.47	9.6	100%
DSY1 2050	0.47	9.7	100%

1 Introduction

This report has been prepared by Atelier Ten to present the thermal comfort assessment carried out for the proposed mixed-mode student-residential spaces and the air-conditioned non-residential spaces in the Victoria Point development. This assessment aims to evaluate the indoor environment within all occupied spaces against the thermal comfort criteria defined by Approved Document O and BREEAM New Construction (NC) Hea 04.

1.1 Proposed Development

Redevelopment of existing student accommodation blocks (6 in total) to include the phased demolition and extension of existing buildings to provide a total number of 876 student beds at a maximum height of 12 storeys, including associated ancillary internal and external amenity space, ground floor community/commercial space (Use Class E, F1 and F2), hard and soft landscaping and associated highway works. Blocks 5/6 will be referred to as a single block for the proposed, "Block 5+".

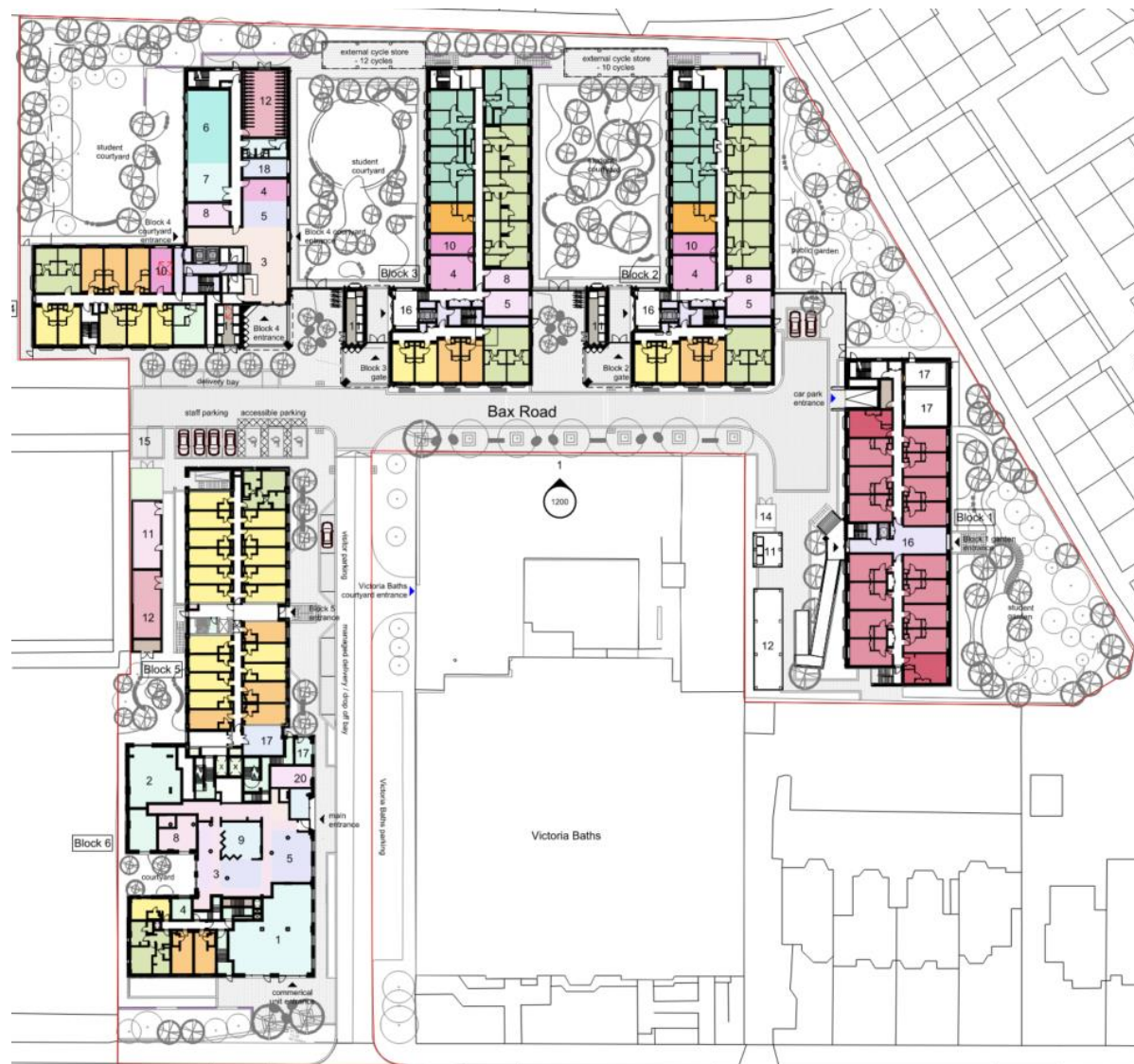


Figure 1.1 Proposed development layout

1.2 Thermal Comfort

'Thermal comfort' describes a person's state of mind in terms of whether they feel too hot or too cold. Therefore, it is a subjective quality affected both by quantifiable and unquantifiable factors that often complicate its assessment in design. Environmental factors (such as humidity and sources of heat in the workplace) combine with personal factors (i.e., clothing) and metabolic activity-related factors (i.e., how physically demanding the activity is) to influence a person's 'thermal comfort' (see Figure 1.1). It is also affected by less-controllable factors, such as age, sex, and physical and mental wellbeing. As a result, it is difficult to define precisely and globally as a range of environmental, work-related and personal factors need to be considered when deciding what makes a comfortable workplace.

The quality of the thermal environment also has an impact on the health and well-being of occupants and has an impact on disease transmission risk. As stated in the WELL standard, "cold and dry spaces are known to facilitate the spread of the influenza virus because low humidity levels allow the virus to persist longer in the air, while low air temperature extends the virus shedding period. On the other hand, overly warm indoor spaces are linked to increases in sick building syndrome symptoms, irregular heart rate, respiratory issues, fatigue and negative mood. Warm and humid indoor spaces are also associated with mould and fungal growth."

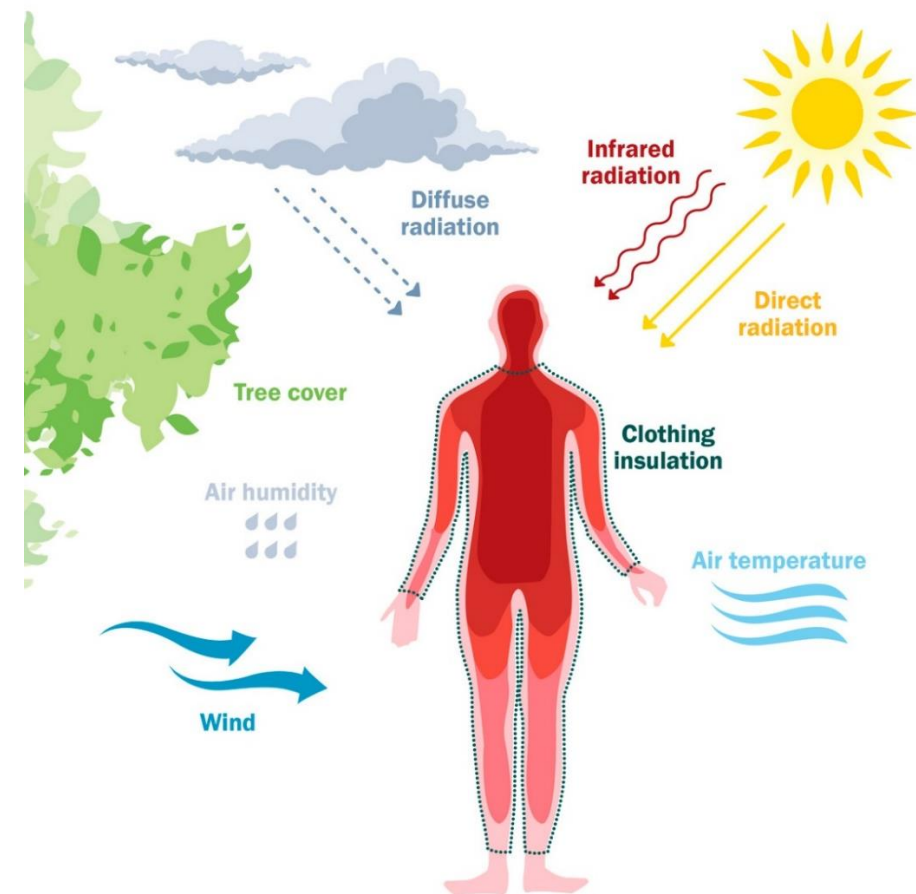


Figure 1.1 Personal thermal comfort factors

1.3 Thermal Comfort in a Low-Carbon Future

With buildings becoming more thermally efficient to reduce carbon emissions and the impact on global climate change, increased thermal insulation and airtight buildings can lead to an overheating risk, often requiring comfort cooling to be installed. Introducing cooling into buildings results in increased energy consumption and carbon emissions which contribute further to global warming and more locally to the urban heat island effect as heat is rejected into the atmosphere via the cooling equipment. Policy EN8 of the Manchester Core Strategy highlights the need to control overheating through passive design measures, with mechanical cooling being designed out wherever possible.

It is for these reasons that the following cooling hierarchy is applied:

1. Reduce the amount of heat entering a building in summer through orientation, shading, albedo, fenestration, insulation and green roofs and walls
2. Minimise internal heat generation through energy efficient design
3. Manage the heat within the building through exposed internal thermal mass and high ceilings
4. Application of passive ventilation
5. Subsequent application of mechanical ventilation
6. Application of active cooling systems (ensuring they are the lowest carbon options)

1.4 Assessing Thermal Comfort

A building's thermal conditioning systems aim to create a thermal environment that satisfies the largest possible proportion of people in a space. As such, thermal comfort is not measured by room temperature, but by the number of people expressing satisfaction with their thermal state.

BREEAM Hea 04 specifies two methodologies for assessing thermal comfort in spaces: a CIBSE TM52/TM59 adaptive thermal comfort model, intended for use in naturally ventilated or mixed-mode spaces; and ISO7730:2005 Predicted Mean Vote (PMV) and Percentage of People Dissatisfied (PPD) indices, intended for use in air-conditioned spaces. As the Victoria Point development contains both naturally ventilated areas (domestic spaces), and air-conditioned zones (non-domestic spaces), the use of both methods are required to assess thermal comfort in the scheme.

Part L1A and Part L2A (Conservation of Fuel and Power in New Buildings) of the Building Regulations of England and Wales includes a check on limiting excessive solar gains through windows (known as Criterion 3). The aim of this solar gain check is to limit the solar heat gain into a building/ room to reduce the need for air conditioning and/ or reduce the installed capacity of any air-conditioning system installed. It does not provide an overheating risk assessment in terms of occupant thermal comfort.

1.5 CIBSE TM59 Methodology

To assess and quantify overheating risk, the Chartered Institute of Building Services Engineers (CIBSE) have published Technical Memorandum 59 (TM59) which provides methods and assessment criteria to quantify overheating risk in UK dwellings. Approved document Part O (2021) references this document, and therefore the CIBSE TM59 methodology has been applied to assess the risk of overheating to the bedrooms, studios, and communal spaces in the Victoria Point development, as well as a check of the temperatures reached in the communal corridors.

Two assessment criteria are presented: one for buildings that are predominantly naturally ventilated, and one for buildings that are predominantly mechanically ventilated.

1.5.1 Predominantly Naturally Ventilated Buildings

In naturally ventilated buildings, occupants can take action to restore their own thermal comfort through the opening of windows. This autonomy confers a psychological benefit, increasing an individual's tolerance for thermal discomfort. This permits the use of an adaptive thermal comfort model to assess overheating risk by assessing comfort temperature against its relationship with the outdoor temperature.

- For residential apartments, rooms and studios that have natural ventilation, the following two criteria must be achieved to reduce the severity, duration and discomfort of overheating. For living rooms, kitchen and bedrooms: the number of hours during which ΔT is greater than or equal to one degree (K) during the period May to September inclusive shall not be more than 3% of occupied hours. (CIBSE TM52 Criterion 1: Hours of exceedance).
- For bedrooms only: to guarantee comfort during the sleeping hours of the operative temperature in the bedroom from 10pm to 7am shall not exceed 26 °C for more than 1% of annual hours. (Note: 1% of the annual hours between 22:00 and 07:00 for bedrooms is 32 hours, so ≥ 33 hours above 26 °C during these hours will be recorded as a failure).

The rooms assessed have substantial openable windows that can be used at the occupants' discretion. Therefore, the overheating criteria for naturally ventilated spaces are applied as the primary method of assessment. Rooms identified as having acoustic concerns that limit window openings are summarised in Appendix A.

1.5.2 Predominantly Mechanically Ventilated Buildings

For homes with restricted window openings, TM59 states that the CIBSE fixed temperature test should be applied. This is consistent with the idea that, without autonomy over their thermal environment, occupants are more sensitive to thermal discomfort. Here, all occupied rooms should not exceed an operative temperature of 26 °C for more than 3% of annual occupied hours.

1.6 CIBSE TM52 Methodology

CIBSE TM52 provides methods and assessment criteria to quantify overheating risk in non-domestic, naturally ventilated spaces.

CIBSE TM52 establishes three overheating risk criteria based on frequency of overheating, severity of overheating, and maximum permitted temperatures respectively. These criteria are based on the temperature increase ΔT above the comfort threshold temperature and are summarised in Table 1.2. To achieve compliance with TM52, any two of these three criteria must be achieved.

Table 1.2 "CIBSE TM52 - The Limits of Thermal Comfort: Avoiding Overheating in European Buildings" comfort criteria

Criteria to Meet		TM52 Compliance
Criterion 1: Hours of exceedance (H_e)	The number of hours (H_e) during which ΔT is greater than or equal to one degree (K) during the period May to September inclusive, shall not be more than 3 % of occupied hours. (the number of hours for which an adaptive thermal comfort threshold temperature is exceeded)	A room or building that fails any two of the three criteria is classed as overheating
Criterion 2: Daily weighted exceedance (W_e)	This criterion deals with the severity of overheating within any one day. This sets a daily limit for acceptability (the degree to which the operative temperature exceeds the adaptive thermal comfort threshold temperature).	
Criterion 3: Upper limit temperature (T_{upp})	3rd Criterion sets an absolute maximum daily temperature for a room, beyond which the level of overheating is unacceptable. To set an absolute maximum value for the indoor operative temperature the value of ΔT shall not exceed 4 K. The threshold or upper limit temperature sets a limit beyond which normal adaptive actions will be insufficient to restore personal comfort and most occupants will complain of being 'too hot'. This criterion covers the extremes of hot weather conditions and future climate scenarios (the maximum temperature experienced at any occupied time).	

The adaptive thermal comfort model presented in CIBSE TM52 predicts that people in naturally ventilated spaces have a higher tolerance to thermal discomfort than that predicted by PMV and PPD models. This recognises that when people are uncomfortable, they act to restore their comfort (such as by opening a window or removing warm layers). Consequently, application of the adaptive thermal comfort model for naturally ventilated buildings requires that occupants are given the opportunity to have autonomy over their environment, such as through opening windows or a flexible dress code.

1.7 ISO7730:2005 Methodology

ISO7730:2005 defines Predicted Mean Vote (PMV) and Percentage of People Dissatisfied (PPD) indices to assess thermal comfort in air-conditioned spaces. Both indices have been obtained from the thermal model calculations carried out as part of the assessment presented in this report.

The PMV combines the influence of air temperature, mean radiant temperature, air movement, and humidity with that of clothing and activity level into one value Figure 1.5. The PMV is an index that predicts the mean votes of a large group of persons on the seven-point thermal sensation scale based on the heat balance of the human body; see Table 1.3 and Figure 1.5.

Table 1.3 Seven-point thermal sensation scale used for PMV

Number on the Seven-Point Temperature Scale	Thermal Sensation of Occupants
+3	Hot
+2	Warm
+1	Slightly warm

Number on the Seven-Point Temperature Scale	Thermal Sensation of Occupants
0	Neutral
-1	Slightly cool
-2	Cool
-3	Cold

The PPD index provides a quantitative prediction of the percentage of thermally dissatisfied users likely to feel too warm or too cool in an environment. Thermally dissatisfied people are those who will vote hot, warm, cool, or cold on the 7-point thermal sensation scale. The PPD index has a minimum of 5% of people dissatisfied, and a maximum of 100%. Equations for evaluating PMV and PPD are regulated by the ISO standard ISO7730:2005. Acceptable PPD/PMV limits for different thermal comfort categories are given in Table 1.4. In line with the requirements of BREEAM Hea 04, a "Category B" thermal comfort limit is targeted for 97% of occupied hours in air-conditioned spaces.

Table 1.4 ISO7730:2005 Thermal comfort indices and operative temperature ranges

Category	Thermal Comfort Indices		Operative Temperatures (°C)		Max Air Velocity (m/s)	
	PPD (%)	PMV	Summer	Winter	Summer	Winter
A	≤6	0 ± 0.2	24.5 ± 1.0	22.0 ± 1.0	0.12	0.10
B	≤10	0 ± 0.5	24.5 ± 1.5	22.0 ± 2.0	0.19	0.16
C	≤15	0 ± 0.7	24.5 ± 2.5	22.0 ± 3.0	0.24	0.21

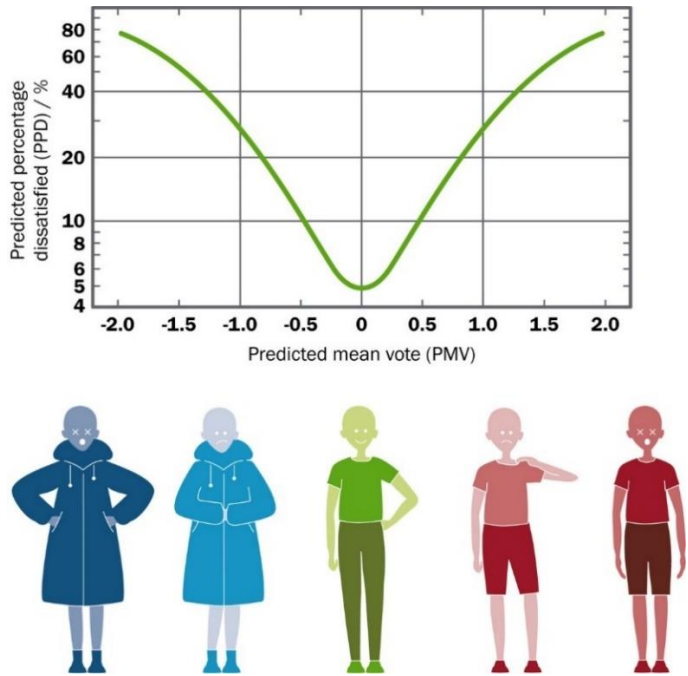


Figure 1.5 Relationship between PMV and PPD thermal comfort indices

2 Thermal Modelling

Thermal modelling is a useful tool to assess and quantify internal air temperatures and the predicted thermal comfort of occupants in buildings. Through dynamic simulation thermal modelling, the complex interaction of heat gains/losses, and the building space conditioning systems, allow the internal air temperatures and resulting thermal comfort to be evaluated over an entire year period. This section of the report outlines the methodology and parameters applied within the CIBSE TM59 thermal analysis for the assessed spaces.

2.1 Thermal Model

A three-dimensional model of the full development was created in the simulation software IESVE 2023.3.1.0; see Figure 2.1. Using the Apache thermal calculation and simulation module within IES, the fabric thermal performances, internal heat gains and occupancy profiles were entered. In addition, a SunCast simulation was included to represent solar heat gains through windows. The thermal modelling was completed in accordance with CIBSE AM 11 Building Performance Modelling.

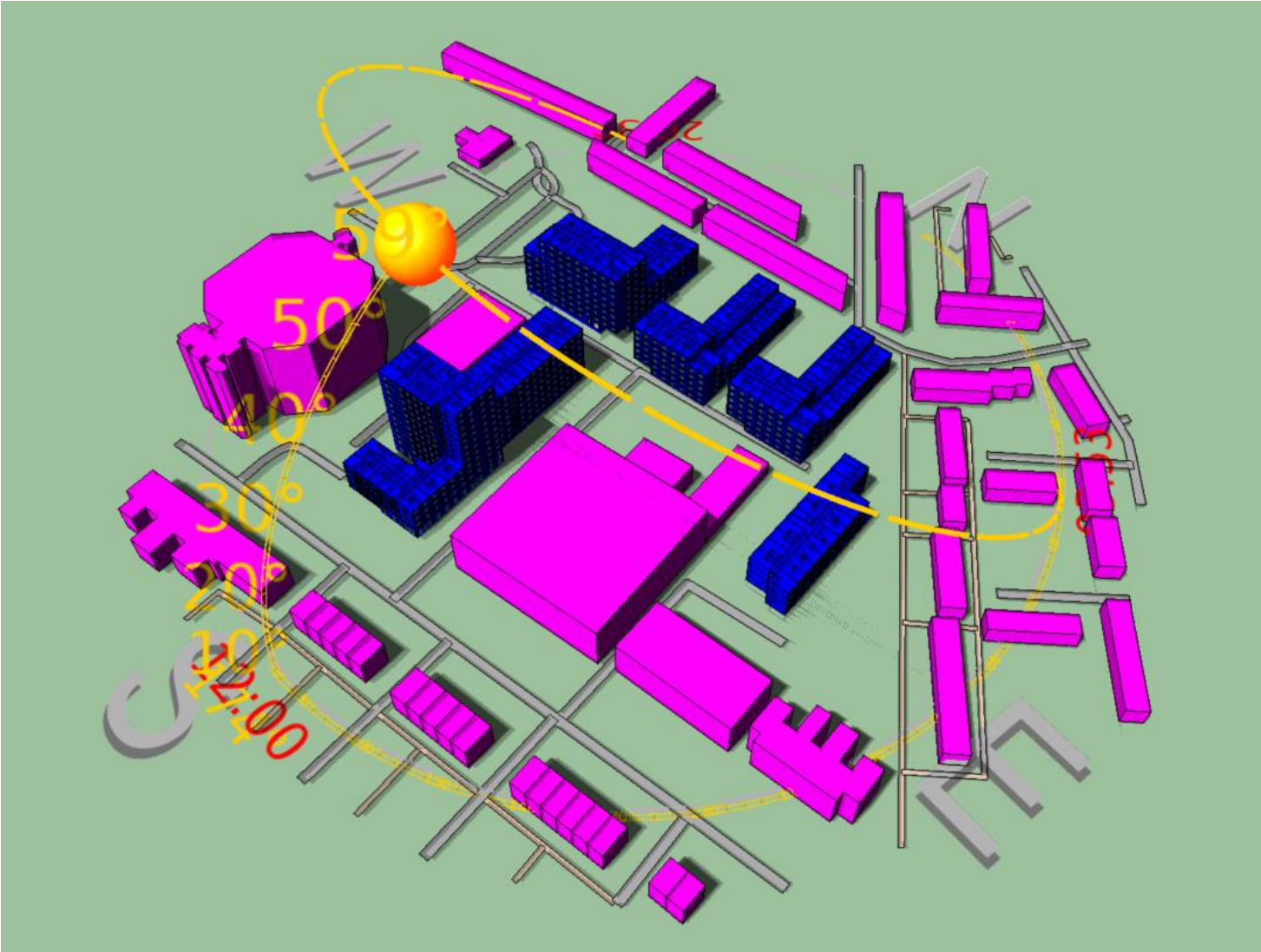


Figure 2.1 Screenshot of thermal model (IESVE 2023)

2.1.1 Fabric Parameters

Table 2.1 Model Parameters

Modelled Parameter		
Element	U-value (W/m ² K)	Other Parameters
External Wall	0.13	25mm plasterboard internal
Internal Partition	N/A	25mm plasterboard internal
Internal Ceiling/Floor	N/A	25mm plasterboard internal
Glazing (inc. frame)	1.2	g-value of 0.4 throughout (71% visible light transmittance)
Ground Floor (above and below basement)	0.25	N/A
Roof (Existing areas of Blocks 1-3)	0.25	N/A
Roof (Blocks 4-5+ and extensions to Blocks 1-3)	0.12	NA
Air Permeability		
Infiltration	0.01 ACH ⁻¹	Representing 3m ³ /m ² .h for worst case

2.1.2 Weather Data & Building Location

The development is located in Manchester. The closest regional weather data set is Manchester. As per CIBSE TM59 and Part O guidance, the mandatory weather file to achieve full compliance on will be Manchester_DSY1_2020_High50.

Further testing has been carried out under 2020_DSY2_High50, 2020_DSY3_High50 & 2050_DSY1_High50 weather files. These represent the projected climate change environment for mechanically ventilated or mixed-mode buildings as defined in BREEAM NC 2018.

2.1.3 Occupancy Profiles & Internal Gains in Domestic Spaces

The assigned internal gains and operational profiles in the domestic spaces have been based on CIBSE TM59 (Design Methodology for the Assessment of Overheating Risk in Homes 2017). The profiles and gains used are detailed in Table 2.2 and Table 2.3 where any adjustments to the TM59 profiles are detailed.

Within the assessment, there are five occupied space types:

- Bedrooms
- Studios
- Common rooms (living rooms/study spaces)
- Common rooms (kitchens)
- Common rooms (combined living/kitchen spaces)

Within the assessment, there are five adjacent conditions:

- Circulation corridors (no pipework gains)
- Circulation corridors (communal pipework)
- Ensuites
- Stores
- Risers

Heat gains from communal pipework have been included at a rate of 12.2W/m². This requires communal pipework to be insulated to a target heat loss of 9W/m. Gains from communal pipework in the risers have been aggregated with the corridor gains. Internal gains to communal study spaces are based on the TM59 profiles for living rooms and are assessed against TM52 overheating criteria.

Table 2.2 Occupancy, lighting and small power profiles applied in the space according to the requirements of TM59.

TM59 Assessed Room	Occupancy (75W/person sensible, 55W/person latent)	Equipment Load (In addition to 2W/m² lighting between 18:00-23:00)
Double Bedroom	2 people @ 70% (11pm – 8am) 2 people @ 100% (8am – 9am, 10pm – 11pm) 1 person @ 100% (9am – 10pm)	Peak Load of 80W (8am – 11pm) Base Load = 10W (11pm – 8am)
Common rooms (living rooms/study space)*	2, 3, or 4 people @75% (9am-10pm)	Peak Load = 150W (6pm – 10pm) 60 W (9am – 6pm, 10pm – 12pm) Base Load = 35W
Common rooms (kitchens)*	2, 3, or 4 people @25% (9am-10pm)	Peak Load of 300W (6pm – 8pm) Base Load = 50W
Common rooms (combined living/kitchen)*	2, 3, or 4 people (9am – 10pm)	Peak Load of 450W (6pm – 8pm) 200W (8pm – 10pm) 110W (9am – 6pm, 10pm – 12pm) Base Load = 85W
Studio	1 person (continuous)	Peak Load of 450W (6pm – 8pm) 110W (8pm – 10pm) 60W (9am – 6pm, 10pm – 12pm) Base Load = 50W
*Occupancy matches the number of cluster bedrooms local to the common room, i.e., treated as 2 bed, 3 bed or 4 bed kitchen/living space		

Other Modelled Spaces	Inputs
Ensuite	1.75W/m2 (6pm-11pm)
Communal Corridors*	12.2W/m2 communal pipework (on continuously), circulation lighting gains excluded due to control via PIR sensors
Stores	No gain
Risers	No gain

2.1.4 Occupancy Profiles and Internal Gains in Non-Domestic Spaces

The occupancy profiles and internal gains applied in all non-domestic spaces are taken from the National Calculation Methodology (NCM) modelling defaults for each activity type. There are six different NCM activity types present in the model, which are summarised in Table 2.3.

Table 2.3 Summary of internal gains applied in the non-domestic, air-conditioned spaces

NCM activity type	Peak Lighting gains (W/m²)	Peak Equipment gains (W/m²)	Occupancy Density (m²/person)
Eating and drinking area	10.4	20	6.162
Communal area	10.4	5.27	8.759
Reception	24.6	5.59	8.658
Sales area (general)	25.6	5.2	8.556
Hall/lecture theatre	11.25	2	4.581
Fitness suite/gym	15.6	16.02	5.882

2.1.5 Building Orientation & Shading

Adjacent buildings have been incorporated within the thermal model in order to assess the overshadowing. Reveal depths of 225mm have been incorporated with the thermal model as shading devices in order to assess the solar gain reduction from such devices. Frame factors are calculated from the architect's elevations.

Internal blinds have not been used in this assessment.

2.1.6 Ventilation Strategy

The ventilation strategy will be relying on night cooling to cool the thermal mass of the structure to start the next day at a lower temperature, thereby staying below the target temperatures to achieve overheating compliance. The walls and ceilings of the bedrooms, studios and kitchen/living rooms will have plasterboard layers with a thickness of 25mm.

Natural ventilation strategy

Where possible, natural ventilation openings have been prioritised to maximise the benefit of free cooling. These take the form of inward opening windows with guarding up to 1.1m above finished floor level, allowing the windows to be fully opened without presenting a fall risk as defined by Part O of the building regulations. Where window bays comprise of three glazed panels, two of the panels are modelled as openable. Where window bays comprise two glazed panels or fewer, one of the panels is modelled as openable; see Figure 2.4. Rooms identified as having acoustic concerns that limit window openings are summarised in Appendix A. Equivalent areas of openable windows are summarised in Appendix B.

- Window opening profiles follow the Part O guidance as described below:
- When a room is occupied during the day (8am to 11pm), openings should be modelled to do the following.
 - i. Start to open when the internal temperature exceeds 22 °C.
 - ii. Be fully open when the internal temperature exceeds 26 °C.
 - iii. Start to close when the internal temperature falls below 26 °C.
 - iv. Be fully closed when the internal temperature falls below 22 °C.
 - At night (11pm to 8am), openings should be modelled as fully open if both of the following apply.
 - i. The opening is on the first floor or above and not easily accessible.
 - ii. The internal temperature exceeds 23 °C at 11pm.

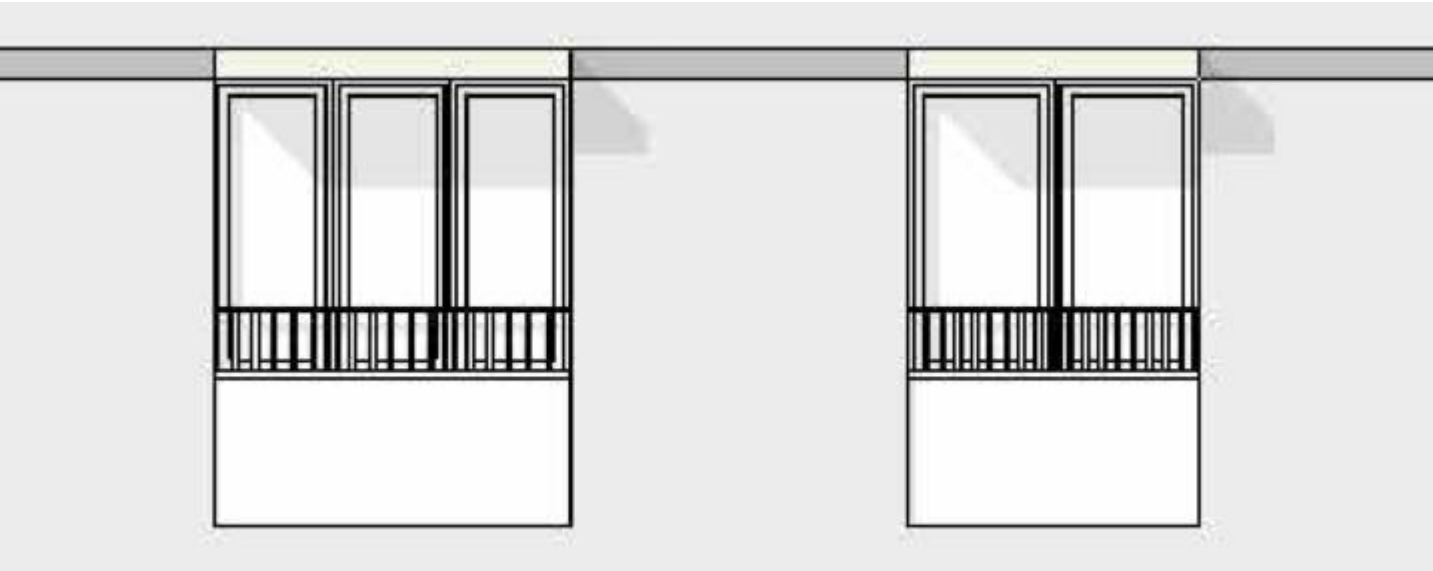


Figure 2.4 Example of typical window bays, with guarding up to 1.1m above finished floor level

Mechanical ventilation strategy

In addition to the natural ventilation strategy, occupants are provided with MVHR that provides minimum ventilation rates for indoor air quality, with a manual boost mode designed for overheating mitigation; see Table 2.5. This is particularly important for non-perimeter kitchen spaces with no access to windows. Spaces with acoustic restrictions preventing window opening are provided with occupant-controlled purge fans for supplementary overheating mitigation with a design supply rate of 90 l/s. These operate on the Part O day and night window opening profile.

The MVHR operates continuously to provide the minimum quantity of fresh air required to satisfy indoor air quality requirements. When the outdoor temperature exceeds the indoor air temperature, the MVHR operates in heat recovery mode with a heat recovery of 80%, which reduces the temperature gain from hotter outdoor air. The boosted MVHR rate follows the Part O (day & night) window opening profile.

A Cat II thermal comfort category has been applied within the thermal analysis for free-running spaces in accordance with CIBSE TM59 and TM52. A Category B thermal comfort limit has been applied for the mechanically cooled spaces in accordance with the requirements of BREEAM Hea 04 and ISO7730:2005.

Table 2.5 Mechanical ventilation strategy

Ventilation rate	Comment
Bedrooms	
8l/s	Part F background rate supplied continuously by MVHR
6l/s (boost)	Boost mode to give total of 14l/s of mechanical ventilation, operates on Part O day and night window opening profile
Studios	
21l/s	Part F background rate supplied continuously by MVHR
19l/s (boost)	Boost mode to give total of 40l/s of mechanical ventilation, operates on Part O day and night window opening profile
Common Rooms	
13l/s	Part F background rate supplied continuously by MVHR
21l/s (boost)	Boost mode to give total of 34l/s of mechanical ventilation, operates on Part O day and night window opening profile
Spaces with acoustic constraints to window opening	
90l/s (purge)	Purge mechanical vent operated by a manual switch, operates on Part O day and night window opening profile

2.1.7 Mechanical Cooling Strategy

The heating and cooling setpoints for the mechanical cooling strategy are based on the customary summer and winter operative temperatures for the different activity types given in Table 1.5 of CIBSE Guide A 2015. This table also provides typical activity levels and clothing values, which are used as the inputs for the PMV/PPD indices. The inputs for the thermal comfort model for the relevant activity types are summarised in Table 2.6. Occupants are assumed to have flexibility over their clothing within the range stated in Table 2.6. Required heating and cooling capacities for the mechanically conditioned spaces are given in Appendix C.

Table 2.6 Summary of heating and cooling setpoints, and activity and clothing levels for different activity types

NCM activity type	Heating setpoint (°C)	Cooling setpoint (°C)	Activity (met)	Clothing (clo)
Eating and drinking area	21	23	1.3	0.6 - 1
Communal area (lounge)	21	23	1.3	0.6 - 1
Reception	20	23	1.3 - 1.4	0.6 - 1
Sales area (general)	20	23	1.3 - 1.4	0.6 - 1
Hall/lecture theatre	20	23	1.3 - 1.4	0.6 - 1
Fitness suite/gym	14*	16*	3.0	0.3 - 0.4
*Note this is higher than the customary 14-16 °C customary temperature range given in Table 1.5 of CIBSE Guide A. This increase in temperature is required to prevent people feeling too cold according to PMV/PPD metrics once the increase in relative air velocity is accounted for. Systems will be sized to achieve cooling to an air temperature of 16°C				

Ambient air speed is modelled at 0.1m/s. The relative air speed is increased to account for motion associated with occupant activity, in accordance with CIBSE Guide A, Section 1.3.1.2.

2.1.8 Assessed Spaces

All occupied rooms and internal corridors have been modelled, with full results contained in the appendix.

3 Results & Discussion

As shown in the full results in the appendix, 100% of the assessed spaces achieve compliance under the mandatory DSY1_2020 weather file. Full compliance with Part O is demonstrated, and the results demonstrate compliance with the Hea 04 thermal modelling and design for future thermal comfort credits.

3.1 TM59 Compliance Results

Table 3.1 presents a summary of the TM59 compliance results for all the blocks in the proposed development. Results are shown for the mandatory DSY1 2020 weather file, two 'near extreme' summer weather scenarios, and one 'projected future' weather scenario.

All bedrooms, studios, common rooms, and corridors in the proposed Victoria Point development comply with the TM59 overheating assessment under the mandatory DSY1 2020 weather file. As indicated in Table 3.1, the proposed strategy also shows good resilience to 'near extreme' and projected future weather events. Full results are shown in Appendix D.

Table 3.1 TM59 compliance summary for domestic spaces in the Victoria Point development

Weather file	Description	Room type	Compliance rate (%)				
			Block 1	Block 2	Block 3	Block 4	Block5+
DSY1 2020	A hot but not extreme summer	Bedrooms/Studios	100%	100%	100%	100%	100%
		Living/Kitchens	-	100%	100%	100%	100%
		Circulation	100%	100%	100%	100%	100%
DSY2 2020	A year with a single, very intense warm spell	Bedrooms/Studios	100%	100%	100%	100%	100%
		Living/Kitchens	-	100%	100%	100%	100%
		Circulation	100%	100%	100%	100%	100%
DSY3 2020	A year with a prolonged period of sustained warmth	Bedrooms/Studios	100%	99%	99%	100%	100%
		Living/Kitchens	-	97%	97%	96%	100%
		Circulation	100%	100%	100%	100%	97%
DSY1 2050	A hot but not extreme summer, adjusted for the impact of climate change	Bedrooms/Studios	100%	99%	99%	100%	100%
		Living/Kitchens	-	100%	100%	100%	100%
		Circulation	100%	100%	100%	100%	100%

In all blocks, living/kitchen and circulation spaces that experience excessive temperatures during the near extreme and projected future weather events are only marginally non-compliant. Significant issues with overheating during the near extreme and projected future weather events occur only in an individual bedroom in Blocks 2 and 3. This bedroom has no external windows and no purge fan, and so struggles to cool down sufficiently at night when too much heat has built up over the course of the day.

3.2 TM52 Overheating Results

Table 3.2 shows that all non-domestic, naturally ventilated spaces in the scheme achieve compliance with TM52 overheating criteria for both current and projected future weather scenarios. Full results are shown in Appendix E.

Table 3.2 TM52 compliance summary for the non-domestic, naturally ventilated spaces in the Victoria Point development

Weather file	Spaces meeting assessment criteria (%)			TM52 compliance rate (%)
	Criterion 1	Criterion 2	Criterion 3	
DSY1 2020	100%	100%	100%	100%
DSY2 2020	100%	11%	100%	100%
DSY3 2020	100%	67%	100%	100%
DSY1 2050	100%	95%	100%	100%

3.3 ISO 7730 Compliance Results

Table 3.3 summarises the PMV/PPD thermal comfort results for worst performing mechanically cooled space under the current and projected future weather files. This shows that comfortable conditions can be achieved in all spaces, as long as the heating and cooling capacities given in Appendix C are provided. Full results for each assessed space are given in Appendix F. ISO 7730 compliance will be re-evaluated on a zonal basis when the detailed mechanical design is finalised at RIBA stage 4.

Table 3.3 Summary of PMV and PPD statistics for air-conditioned spaces in the Victoria Point development

Weather file	Thermal comfort in the worst performing space (97th centile)		ISO 7730 compliance rate
	PMV	PPD	
DSY1 2020	0.47	9.6	100%
DSY2 2020	0.47	9.5	100%
DSY3 2020	0.47	9.6	100%
DSY1 2050	0.47	9.7	100%

3.4 Peak Temperatures

Figure 3.4 presents a temperature plot showing the peak temperatures occurring in the indoor spaces under the DSY1 2020 weather file. North and East-facing, naturally ventilated spaces perform the best, with peak temperatures reaching around 27-28°C. The worst performing spaces are the South and West-facing spaces with acoustic restrictions, which reach peak temperatures around 30-31°C.

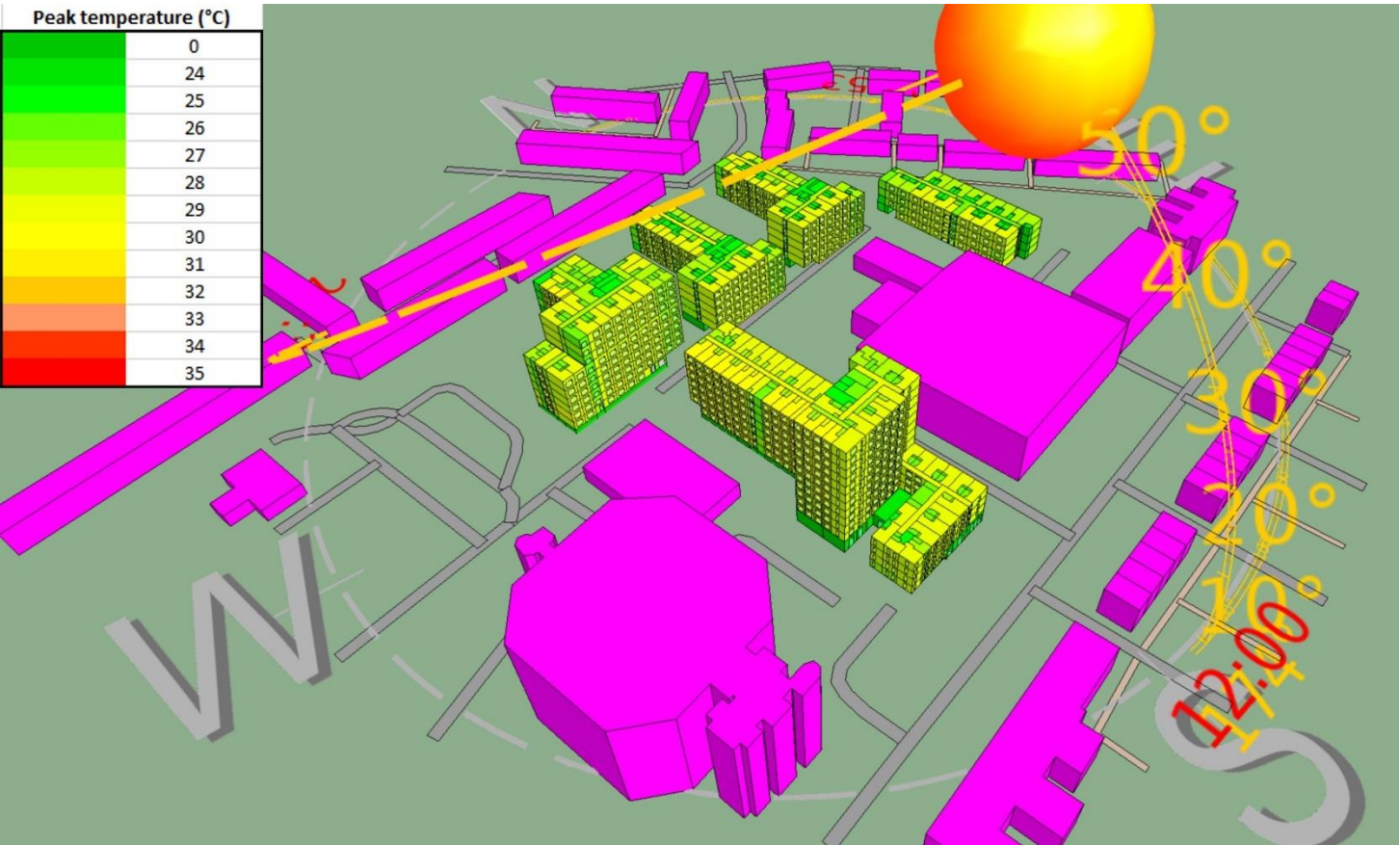


Figure 3.4 Peak indoor temperature plot for the Victoria Point site masterplan, under the mandatory DSY1 2020 weather file

3.5 Future Climate Change Mitigation Measures

As shown in the results, all spaces achieve compliance with the mandatory weather file, with marginal or addressable failures under the 2020 and 2050 climate change weather files.

Further measures that could be applied in the future include:

- Internal blinds
- A glazing film to reduce the g-value of the glazing (especially on west facing spaces)
- Creation of an openable window, an increase of MVHR supply rate, or the installation of a purge fan to the isolated bedroom space
- Provision of openable windows to all corridors
- Addition of a trim cooling coil to the MVHR supply
- The exposure of thermal mass in the ceiling
- All MVHR units for clusters and studios will be replaced in 15-20 years, where flowrates could be increased based on updated overheating assessment methodologies at the time.

4 Conclusion

The Approved Document Part O, CIBSE TM59, CIBSE TM52, and ISO 7730 thermal comfort analysis presented in this report demonstrates that full overheating compliance is achieved in all occupied spaces under the mandatory Design Summer Year 1 2020 (DSY1_2020) weather file. It should be noted that Part O is only applicable to new buildings but Atelier Ten have ensured that, despite this not being a building regulations requirement, due care and attention has been given to the overheating mitigation of all occupied spaces in the Victoria Point development. The cooling hierarchy has been applied, ensuring that the development conforms to the standards set out in Approved Document Part O without the use of active cooling in the domestic areas of the scheme. This demonstrates conformity with Policy EN8 of the Manchester Core Strategy.

Where compliance has not quite been achieved on future weather files, mitigation measures have been outlined that would bring these failing spaces back into compliance. The results of this report show that two of the three BREEAM Hea 04 credits (thermal modelling and design for future thermal comfort) are achieved. The third credit (zoning and controls) can also be achieved, subject to detailed design of the thermal zoning and control strategies at RIBA Stage 4.

Appendices

Appendix A - Acoustic Mark-up

- A.1 Block 1
- A.2 Block 2
- A.3 Block 3
- A.4 Block 4
- A.5 Block 5+

Appendix B - Window Opening Areas

- B.1 Block 1 Opening Areas
- B.2 Block 2 Opening Areas
- B.3 Block 3 Opening Areas
- B.4 Block 4 Opening Areas
- B.5 Block 5+ Opening Areas

Appendix C - Required Heating and Cooling Capacities in Mechanically Cooled Spaces

Appendix D - TM59 Overheating Results

- D.1 DSY1 2020 (Part O Mandatory)
- D.2 DSY2 2020 (Near Extreme)
- D.3 DSY3 2020 (Near Extreme)
- D.4 DSY1 2050 (Projected Future)

Appendix E TM52 Overheating Assessment Results

- E.1 DSY1 2020
- E.2 DSY2 2020
- E.3 DSY3 2020
- E.4 DSY1 2050

Appendix F ISO7730:2005 Thermal Comfort Results

- F.1 DSY1 2020
- F.2 DSY2 2020
- F.3 DSY3 2020
- F.4 DSY1 2050

Appendix A - Acoustic Mark-up

A.1 Block 1

No apartments identified with acoustic concerns that limit window opening behaviour.

A.2 Block 2

No apartments identified with acoustic concerns that limit window opening behaviour.

A.3 Block 3

No apartments identified with acoustic concerns that limit window opening behaviour.

A.4 Block 4



Figure A.1 Diagram illustrating locations with acoustic concerns on Block 4. Apartment rooms understood to have acoustic concerns that limit window opening are shown in red and are provided with a purge fan. Apartments understood to have no acoustic limitations on window opening behaviour are shown in green, and do not require the installation of purge fans.

A.5 Block 5+



Figure A.2 Diagram illustrating locations with acoustic concerns on Block 5/6. Apartment rooms understood to have acoustic concerns that limit window opening are shown in red and are provided with a purge fan. Apartments understood to have no acoustic limitations on window opening behaviour are shown in green, and do not require the installation of purge fans.

Appendix B - Window Opening Areas

B.1 Block 1 Opening Areas

Table B.1 Summary of equivalent areas of openable windows in naturally ventilated spaces with no acoustic restrictions preventing window opening - Block 1

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B1 L03 CORRIDOR a	0.828
B1 L02 CORRIDOR a	0.828
B1 L01 CORRIDOR a	0.828
B1 L00 CORRIDOR a	0.828
B1 L02 STUDIO e	1.296
B1 L02 STUDIO a	1.296
B1 L01 STUDIO k	1.296
B1 L01 STUDIO g	1.296
B1 L02 STUDIO k	1.296
B1 L02 STUDIO l	1.296
B1 L02 STUDIO i	1.296
B1 L02 STUDIO f	1.296
B1 L02 STUDIO n	1.296
B1 L02 STUDIO c	1.296
B1 L02 STUDIO p	1.296
B1 L02 STUDIO q	1.296
B1 L03 STUDIO h	1.296
B1 L03 STUDIO f	1.296
B1 L03 STUDIO n	1.296
B1 L03 STUDIO c	1.296
B1 L03 STUDIO o	1.296
B1 L03 STUDIO d	1.296
B1 L03 STUDIO j	1.296
B1 L01 STUDIO e	1.296
B1 L01 STUDIO b	1.296
B1 L01 STUDIO a	1.296
B1 L01 STUDIO s	1.296
B1 L00 STUDIO e	1.296

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B1 L00 STUDIO h	1.296
B1 L00 STUDIO q	1.296
B1 L00 STUDIO m	1.296
B1 L00 STUDIO c	1.296
B1 L00 STUDIO d	1.296
B1 L00 STUDIO k	1.296
B1 L00 STUDIO j	1.296
B1 L01 STUDIO i	1.296
B1 L01 STUDIO n	1.296
B1 L01 STUDIO c	1.296
B1 L01 STUDIO o	1.296
B1 L01 STUDIO p	1.296
B1 L01 STUDIO q	1.296
B1 L01 STUDIO r	1.296
B1 L00 STUDIO l	1.296
B1 L00 STUDIO f	1.296
B1 L00 STUDIO o	1.296
B1 L00 STUDIO p	1.296
B1 L00 STUDIO b	1.296
B1 L00 STUDIO a	1.296
B1 L00 STUDIO s	1.296
B1 L00 STUDIO g	1.296
B1 L00 STUDIO r	1.296
B1 L02 STUDIO h	1.296
B1 L02 STUDIO m	1.296
B1 L02 STUDIO o	1.296
B1 L02 STUDIO b	1.296
B1 L02 STUDIO r	1.296
B1 L02 STUDIO s	1.296
B1 L02 STUDIO d	1.296
B1 L02 STUDIO g	1.296

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B1 L02 STUDIO j	1.296
B1 L03 STUDIO e	1.296
B1 L03 STUDIO p	1.296
B1 L03 STUDIO b	1.296
B1 L03 STUDIO q	1.296
B1 L03 STUDIO r	1.296
B1 L03 STUDIO a	1.296
B1 L03 STUDIO s	1.296
B1 L03 STUDIO g	1.296
B1 L01 STUDIO l	1.296
B1 L01 STUDIO h	1.296
B1 L01 STUDIO f	1.296
B1 L01 STUDIO m	1.296
B1 L01 STUDIO d	1.296
B1 L01 STUDIO j	1.296
B1 L03 STUDIO k	1.296
B1 L03 STUDIO l	1.296
B1 L03 STUDIO i	1.296
B1 L03 STUDIO m	1.296
B1 L01 CORRIDOR c	0.828
B1 L00 CORRIDOR c	0.828
B1 L02 CORRIDOR c	0.828
B1 L03 CORRIDOR c	0.828

B.2 Block 2 Opening Areas

Table B.2 Summary of equivalent areas of openable windows in naturally ventilated spaces with no acoustic restrictions preventing window opening - Block 2

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B2 L02 BED (2Ba2)	1.751
B2 L02 BED (2Bb1)	1.751
B2 L02 BED (2Ba1)	1.751

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B2 L02 BED (2Bb2)	1.751
B2 L02 BED (3Ba1)	0.811
B2 L02 BED (3Bd2)	0.627
B2 L02 BED (3Bc3)	1.49
B2 L02 BED (3Be1)	1.051
B2 L02 BED (3Be2)	0.657
B2 L02 BED (3Be3)	0.811
B2 L02 BED (3Bd1)	0.811
B2 L02 BED (3Bc2)	0.657
B2 L02 BED (3Bb3)	0.811
B2 L02 BED (3Bc1)	0.811
B2 L02 BED (3Bb2)	0.657
B2 L02 BED (3Bb1)	1.49
B2 L02 BED (3Ba2)	0.657
B2 L02 BED (3Ba3)	1.49
B2 L02 BED (3Bd3)	1.49
B2 L02 BED (4Ba3)	0.627
B2 L02 BED (4Ba2)	0.627
B2 L02 BED (4Ba4)	0.811
B2 L02 CIRC 15	1.012
B2 L02 CORRIDOR a	1.021
B2 L02 CORRIDOR b	1.022
B2 L02 LIVING (4Ba)	1.49
B2 L02 LIVING/KITCHEN (2Ba)	1.751
B2 L02 STUDIO a	1.751
B2 L02 STUDIO i	1.751
B2 L02 STUDIO d	1.751
B2 L02 STUDIO f	1.751
B2 L02 STUDIO j	1.253
B2 L02 STUDIO h	1.751
B2 L02 STUDIO c	1.751

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B2 L02 STUDIO e	1.751
B2 L02 STUDIO b	1.751
B2 L02 STUDIO g	1.751
B2 L01 BED (2Ba2)	1.523
B2 L01 BED (2Bb2)	1.522
B2 L01 BED (2Ba1)	1.522
B2 L01 BED (2Bb1)	1.522
B2 L01 BED (3Ba1)	0.706
B2 L01 BED (3Bc3)	1.296
B2 L01 BED (3Bc2)	0.571
B2 L01 BED (3Bb3)	0.706
B2 L01 BED (3Bc1)	0.706
B2 L01 BED (3Bb2)	0.571
B2 L01 BED (3Bb1)	1.296
B2 L01 BED (3Ba2)	0.571
B2 L01 BED (3Ba3)	1.296
B2 L01 CIRC 18	1.013
B2 L01 CORRIDOR a	1.021
B2 L01 CORRIDOR b	1.021
B2 L01 LIVING/KITCHEN (2Ba)	1.522
B2 L01 STUDIO a	1.523
B2 L01 STUDIO i	1.522
B2 L01 STUDIO d	1.522
B2 L01 STUDIO f	1.523
B2 L01 STUDIO j	1.09
B2 L01 STUDIO h	1.522
B2 L01 STUDIO c	1.522
B2 L01 STUDIO e	1.522
B2 L01 STUDIO b	1.523
B2 L01 STUDIO g	1.523
B2 L01 BED (3Bd3)	1.296

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B2 L01 BED (3Bd2)	0.545
B2 L01 BED (3Bd1)	0.706
B2 L01 BED (4Be2)	0.706
B2 L01 BED (2Be1)	1.296
B2 L01 BED (2Bd2)	0.706
B2 L01 BED (2Bd1)	1.296
B2 L01 BED (2Bc1)	0.706
B2 L01 BED (2Bc2)	1.296
B2 L00 BED (2Ba2)	1.523
B2 L00 BED (2Ba1)	1.522
B2 L00 BED (3Bc3)	1.296
B2 L00 BED (3Bc2)	0.571
B2 L00 BED (3Bb3)	0.706
B2 L00 BED (3Bc1)	0.706
B2 L00 BED (3Bb2)	0.571
B2 L00 BED (3Bb1)	1.296
B2 L00 LIVING/KITCHEN (2Ba)	1.522
B2 L00 STUDIO i	1.522
B2 L00 STUDIO f	1.523
B2 L00 STUDIO j	1.09
B2 L00 STUDIO h	1.523
B2 L00 STUDIO g	1.522
B2 L00 BED (3Bd3)	1.296
B2 L00 BED (3Bd2)	0.545
B2 L00 BED (3Bd1)	0.706
B2 L00 BED (4Be2)	0.706
B2 L00 BED (2Be1)	1.296
B2 L00 BED (2Bd2)	0.706
B2 L00 BED (2Bd1)	1.296
B2 L00 BED (2Bc1)	0.706
B2 L00 BED (2Bc2)	1.296

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B2 L00 STUDY SPACE	1.296
B2 L00 CO-WORKING SPACE	1.277
B2 L00 PRIVATE DINING	1.523
B2 L00 MEETING ROOM	1.918
B2 L00 CORRIDOR a	1.021
B2 L03 BED (2Ba2)	1.751
B2 L03 BED (2Ba1)	1.751
B2 L03 BED (3Ba1)	0.811
B2 L03 BED (3Bc3)	1.49
B2 L03 BED (3Bc2)	0.657
B2 L03 BED (3Bb3)	0.811
B2 L03 BED (3Bc1)	0.811
B2 L03 BED (3Bb2)	0.657
B2 L03 BED (3Bb1)	1.49
B2 L03 BED (3Ba2)	0.657
B2 L03 BED (3Ba3)	1.49
B2 L03 CIRC 25	1.012
B2 L03 CORRIDOR a	1.021
B2 L03 CORRIDOR b	1.021
B2 L03 LIVING/KITCHEN (2Ba)	1.751
B2 L03 STUDIO a	1.751
B2 L03 STUDIO i	1.751
B2 L03 STUDIO d	1.751
B2 L03 STUDIO f	1.751
B2 L03 STUDIO j	1.253
B2 L03 STUDIO h	1.751
B2 L03 STUDIO e	1.751
B2 L03 STUDIO b	1.751
B2 L03 STUDIO g	1.751
B2 L03 STUDY SPACE	1.751
B2 L04 BED (2Ba2)	1.751

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B2 L04 BED (2Ba1)	1.751
B2 L04 CORRIDOR b	1.021
B2 L04 LIVING/KITCHEN (2Ba)	1.751
B2 L04 STUDIO a	1.751
B2 L04 STUDIO i	1.751
B2 L04 STUDIO d	1.751
B2 L04 STUDIO f	1.751
B2 L04 STUDIO h	1.751
B2 L04 STUDIO c	1.751
B2 L04 STUDIO e	1.751
B2 L04 STUDIO b	1.751
B2 L04 STUDIO g	1.751
B2 L04 CIRC 29	1.012
B2 L05 CORRIDOR b	1.021
B2 L05 STUDIO a	1.751
B2 L05 STUDIO i	1.751
B2 L05 STUDIO d	1.751
B2 L05 STUDIO f	1.751
B2 L05 STUDIO h	1.751
B2 L05 STUDIO c	1.751
B2 L05 STUDIO e	1.751
B2 L05 STUDIO b	1.751
B2 L05 STUDIO g	1.751
B2 L05 CIRC 31	1.012

B.3 Block 3 Opening Areas

Table B.3 Summary of equivalent areas of openable windows in naturally ventilated spaces with no acoustic restrictions preventing window opening - Block 3

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B3 L02 BED (2Ba2)	1.751
B3 L02 BED (2Bb1)	1.751

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B3 L02 BED (2Ba1)	1.751
B3 L02 BED (2BB3)	1.751
B3 L02 BED (3Ba1)	0.811
B3 L02 BED (3Bd2)	0.627
B3 L02 BED (3Bc3)	1.49
B3 L02 BED (3Be1)	1.051
B3 L02 BED (3Be2)	0.657
B3 L02 BED (3Be3)	0.811
B3 L02 BED (3Bd1)	0.811
B3 L02 BED (3Bc2)	0.657
B3 L02 BED (3Bb3)	0.811
B3 L02 BED (3Bc1)	0.811
B3 L02 BED (3BB3)	0.657
B3 L02 BED (3Bb1)	1.49
B3 L02 BED (3Ba2)	0.657
B3 L02 BED (3Ba3)	1.49
B3 L02 BED (3Bd3)	1.49
B3 L02 BED (4Ba3)	0.627
B3 L02 BED (4Ba2)	0.627
B3 L02 BED (4Ba4)	0.811
B3 L02 CIRC 15	1.012
B3 L02 CORRIDOR a	1.021
B3 L02 CORRIDOR b	1.022
B3 L02 LIVING (4Ba)	1.49
B3 L02 LIVING/KITCHEN (2Ba)	1.751
B3 L02 STUDIO a	1.751
B3 L02 STUDIO i	1.751
B3 L02 STUDIO d	1.751
B3 L02 STUDIO f	1.751
B3 L02 STUDIO j	1.253
B3 L02 STUDIO h	1.751

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B3 L02 STUDIO c	1.751
B3 L02 STUDIO e	1.751
B3 L02 STUDIO b	1.751
B3 L02 STUDIO g	1.751
B3 L01 BED (2Ba2)	1.523
B3 L01 BED (2BB3)	1.522
B3 L01 BED (2Ba1)	1.522
B3 L01 BED (2Bb1)	1.522
B3 L01 BED (3Ba1)	0.706
B3 L01 BED (3Bc3)	1.296
B3 L01 BED (3Bc2)	0.571
B3 L01 BED (3Bb3)	0.706
B3 L01 BED (3Bc1)	0.706
B3 L01 BED (3BB3)	0.571
B3 L01 BED (3Bb1)	1.296
B3 L01 BED (3Ba2)	0.571
B3 L01 BED (3Ba3)	1.296
B3 L01 CIRC 18	1.013
B3 L01 CORRIDOR a	1.021
B3 L01 CORRIDOR b	1.021
B3 L01 LIVING/KITCHEN (2Ba)	1.522
B3 L01 STUDIO a	1.523
B3 L01 STUDIO i	1.522
B3 L01 STUDIO d	1.522
B3 L01 STUDIO f	1.523
B3 L01 STUDIO j	1.09
B3 L01 STUDIO h	1.522
B3 L01 STUDIO c	1.522
B3 L01 STUDIO e	1.522
B3 L01 STUDIO b	1.523
B3 L01 STUDIO g	1.523

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B3 L01 BED (3Bd3)	1.296
B3 L01 BED (3Bd2)	0.545
B3 L01 BED (3Bd1)	0.706
B3 L01 BED (4Be2)	0.706
B3 L01 BED (2Be1)	1.296
B3 L01 BED (2Bd2)	0.706
B3 L01 BED (2Bd1)	1.296
B3 L01 BED (2Bc1)	0.706
B3 L01 BED (2Bc2)	1.296
B3 L00 BED (2Ba2)	1.523
B3 L00 BED (2Ba1)	1.522
B3 L00 BED (3Bc3)	1.296
B3 L00 BED (3Bc2)	0.571
B3 L00 BED (3Bb3)	0.706
B3 L00 BED (3Bc1)	0.706
B3 L00 BED (3BB3)	0.571
B3 L00 BED (3Bb1)	1.296
B3 L00 LIVING/KITCHEN (2Ba)	1.522
B3 L00 STUDIO i	1.522
B3 L00 STUDIO f	1.523
B3 L00 STUDIO j	1.09
B3 L00 STUDIO h	1.523
B3 L00 STUDIO g	1.522
B3 L00 BED (3Bd3)	1.296
B3 L00 BED (3Bd2)	0.545
B3 L00 BED (3Bd1)	0.706
B3 L00 BED (4Be2)	0.706
B3 L00 BED (2Be1)	1.296
B3 L00 BED (2Bd2)	0.706
B3 L00 BED (2Bd1)	1.296
B3 L00 BED (2Bc1)	0.706

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B3 L00 BED (2Bc2)	1.296
B3 L00 STUDY SPACE	1.296
B3 L00 CO-WORKING SPACE	1.277
B3 L00 PRIVATE DINING	1.523
B3 L00 MEETING ROOM	1.918
B3 L00 CORRIDOR a	1.021
B3 L03 BED (2Ba2)	1.751
B3 L03 BED (2Ba1)	1.751
B3 L03 BED (3Ba1)	0.811
B3 L03 BED (3Bc3)	1.49
B3 L03 BED (3Bc2)	0.657
B3 L03 BED (3Bb3)	0.811
B3 L03 BED (3Bc1)	0.811
B3 L03 BED (3BB3)	0.657
B3 L03 BED (3Bb1)	1.49
B3 L03 BED (3Ba2)	0.657
B3 L03 BED (3Ba3)	1.49
B3 L03 CIRC 25	1.012
B3 L03 CORRIDOR a	1.021
B3 L03 CORRIDOR b	1.021
B3 L03 LIVING/KITCHEN (2Ba)	1.751
B3 L03 STUDIO a	1.751
B3 L03 STUDIO i	1.751
B3 L03 STUDIO d	1.751
B3 L03 STUDIO f	1.751
B3 L03 STUDIO j	1.253
B3 L03 STUDIO h	1.751
B3 L03 STUDIO e	1.751
B3 L03 STUDIO b	1.751
B3 L03 STUDIO g	1.751
B3 L03 STUDY SPACE	1.751

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B3 L04 BED (2Ba2)	1.751
B3 L04 BED (2Ba1)	1.751
B3 L04 CORRIDOR b	1.021
B3 L04 LIVING/KITCHEN (2Ba)	1.751
B3 L04 STUDIO a	1.751
B3 L04 STUDIO i	1.751
B3 L04 STUDIO d	1.751
B3 L04 STUDIO f	1.751
B3 L04 STUDIO h	1.751
B3 L04 STUDIO c	1.751
B3 L04 STUDIO e	1.751
B3 L04 STUDIO b	1.751
B3 L04 STUDIO g	1.751
B3 L04 CIRC 29	1.012
B3 L05 CORRIDOR b	1.021
B3 L05 STUDIO a	1.751
B3 L05 STUDIO i	1.751
B3 L05 STUDIO d	1.751
B3 L05 STUDIO f	1.751
B3 L05 STUDIO h	1.751
B3 L05 STUDIO c	1.751
B3 L05 STUDIO e	1.751
B3 L05 STUDIO b	1.751
B3 L05 STUDIO g	1.751
B3 L05 CIRC 31	1.012

B.4 Block 4 Opening Areas

Table B.4 Summary of equivalent areas of openable windows in naturally ventilated spaces with no acoustic restrictions preventing window opening - Block 4

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B4 L06 STUDIO r	1.401
B4 L07 STUDIO q	1.401

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B4 L08 STUDIO q	1.401
B4 L02 STUDIO p	1.401
B4 L02 STUDIO m	1.401
B4 L02 STUDIO o	1.401
B4 L02 STUDIO r	1.401
B4 L03 STUDIO o	1.401
B4 L03 STUDIO p	1.401
B4 L03 STUDIO q	1.401
B4 L04 LIVING/KITCHEN (2Ba)	1.401
B4 L05 LIVING/KITCHEN (2Ba)	1.401
B4 L05 STUDIO q	1.401
B4 L01 STUDIO n	1.401
B4 L03 BED (2Bb2)	1.401
B4 L03 STUDIO	1.401
B4 L04 STUDIO d	1.401
B4 L05 BED (2Bb1)	1.401
B4 L05 BED (2Bb2)	1.401
B4 L05 STUDIO a	1.401
B4 L06 STUDIO c	1.401
B4 L08 STUDIO b	1.401
B4 L03 STUDIO i	1.401
B4 L04 STUDIO b	1.401
B4 L01 STUDIO i	1.401
B4 L01 STUDIO j	1.401
B4 L01 STUDIO a	1.401
B4 L01 STUDIO b	1.401
B4 L01 STUDIO c	1.401
B4 L02 BED (2Ba1)	1.401
B4 L02 BED (2Ba2)	1.401
B4 L02 BED (2Bb1)	1.401
B4 L02 STUDIO a	1.401

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B4 L02 STUDIO b	1.401
B4 L02 STUDIO c	1.401
B4 L02 STUDIO d	1.401
B4 L02 STUDIO j	1.401
B4 L02 Studio	1.401
B4 L03 BED (2Bb1)	1.401
B4 L03 STUDIO a	1.401
B4 L03 STUDIO b	1.401
B4 L03 STUDIO c	1.401
B4 L03 STUDIO k	1.401
B4 L04 BED (2Ba2)	1.401
B4 L04 BED (2Bb1)	1.401
B4 L04 BED (2Bb2)	1.401
B4 L04 STUDIO a	1.401
B4 L04 STUDIO i	1.401
B4 L04 STUDIO j	1.401
B4 L04 STUDIO k	1.401
B4 L04 STUDIO	1.401
B4 L05 BED (2Ba2)	1.401
B4 L05 STUDIO c	1.401
B4 L05 STUDIO d	1.401
B4 L05 STUDIO i	1.401
B4 L05 STUDIO j	1.401
B4 L05 STUDIO k	1.401
B4 L06 STUDIO b	1.401
B4 L06 STUDIO d	1.401
B4 L07 STUDIO a	1.401
B4 L07 STUDIO b	1.401
B4 L07 STUDIO c	1.401
B4 L00 BED (2Ba1)	1.401
B4 L00 BED (2Ba2)	1.401

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B4 L00 STUDIO a	1.401
B4 L00 STUDIO b	1.401
B4 L00 STUDIO c	1.401
B4 L00 STUDIO d	1.401
B4 L00 STUDIO i	1.401
B4 L00 STUDIO j	1.401
B4 L01 BED (2Ba2)	1.401
B4 L01 STUDIO d	1.401
B4 L01 STUDIO k	1.401
B4 L01 BED (2Ba1)	1.401
B4 L01 BED (2Bb1)	1.401
B4 L01 BED (2Bb2)	1.401
B4 L01	1.401
B4 L02 BED (2Bb2)	1.401
B4 L02 STUDIO i	1.401
B4 L02 STUDIO k	1.401
B4 L03 BED (2Ba1)	1.401
B4 L03 BED (2Ba2)	1.401
B4 L03 STUDIO d	1.401
B4 L03 STUDIO j	1.401
B4 L04 BED (2Ba1)	1.401
B4 L05 BED (2Ba1)	1.401
B4 L00 LIVING/KITCHEN (2Ba)	1.401
B4 L01 LIVING/KITCHEN (2Ba)	1.401
B4 L01 LIVING/KITCHEN (2Bb)	1.401
B4 L01 STUDIO m	1.401
B4 L01 STUDIO o	1.401
B4 L01 STUDIO p	1.401
B4 L01 STUDIO q	1.401
B4 L01 STUDIO r	1.401
B4 L02 LIVING/KITCHEN (2Bb)	1.401

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B4 L02 STUDIO n	1.401
B4 L02 STUDIO q	1.401
B4 L03 STUDIO r	1.401
B4 L04 STUDIO c	1.401
B4 L04 STUDIO r	1.401
B4 L05 STUDIO b	1.401
B4 L05 STUDIO r	1.401
B4 L05 STUDIO	1.401
B4 L06 STUDIO a	1.401
B4 L07 STUDIO d	1.401
B4 L08 STUDIO a	1.401
B4 L08 STUDIO c	1.401
B4 L08 STUDIO d	1.401
B4 L02 LIVING/KITCHEN (2Ba)	1.401
B4 L03 LIVING/KITCHEN (2Bb)	1.401
B4 L03 STUDIO n	1.401
B4 L04 LIVING/KITCHEN (2Bb)	1.401
B4 L04 STUDIO q	1.401
B4 L05 LIVING/KITCHEN (2Bb)	1.401
B4 L06 LIVING/KITCHEN (2Bb)	1.401
B4 L06 STUDIO q	1.401
B4 L07 LIVING/KITCHEN (2Bb)	1.401
B4 L07 STUDIO r	1.401
B4 L08 LIVING/KITCHEN (2Bb)	1.401
B4 L08 STUDIO r	1.401
B4 L03 LIVING/KITCHEN (2Ba)	1.401
B4 L03 STUDIO m	1.401
B4 L01 BED (3Ba1)	0.704
B4 L01 BED (3Bc2)	0.704
B4 L02 BED (3Ba3)	0.704
B4 L02 BED (3Bc3)	0.704

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B4 L03 BED (2Bc1)	0.704
B4 L03 BED (2Bc2)	0.704
B4 L03 BED (3Ba2)	0.704
B4 L03 BED (3Ba3)	0.704
B4 L03 BED (3Bb1)	0.704
B4 L03 BED (3Bc2)	0.704
B4 L03 BED (3Bc3)	0.704
B4 L03 LIVING/KITCHEN (3Bc)	0.704
B4 L01 BED (2Bc2)	0.704
B4 L03 BED (3Bc1)	0.704
B4 L01 BED (3Bc1)	0.704
B4 L01 BED (2Bc1)	0.704
B4 L01 BED (3Ba2)	0.704
B4 L01 BED (3Ba3)	0.704
B4 L01 BED (3Bb1)	0.704
B4 L01 BED (3Bb2)	0.704
B4 L01 BED (3Bb3)	0.704
B4 L01 BED (3Bc3)	0.704
B4 L02 BED (2Bc1)	0.704
B4 L02 BED (2Bc2)	0.704
B4 L02 BED (3Ba1)	0.704
B4 L02 BED (3Ba2)	0.704
B4 L02 BED (3Bb2)	0.704
B4 L02 BED (3Bc1)	0.704
B4 L02 BED (3Bc2)	0.704
B4 L01 LIVING/KITCHEN (3Bc)	0.704
B4 L02 BED (3Bb1)	0.704
B4 L02 BED (3Bb3)	0.704
B4 L02 LIVING/KITCHEN (3Bc)	0.704
B4 L03 BED (3Ba1)	0.704
B4 L03 BED (3Bb2)	0.704

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B4 L03 BED (3Bb3)	0.704

B.5 Block 5+ Opening Areas

Table B.5 Summary of equivalent areas of openable windows in naturally ventilated spaces with no acoustic restrictions preventing window opening - Block 5+

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B5 L00 BED (2Bc1)	0.619
B5 L00 BED (2Bc2)	0.476
B5 L00 LIVING/KITCHEN (2Ba)	1.159
B5 L00 LIVING/KITCHEN (2Bc)	0.619
B5 L00 LOBBY...	0.619
B5 L00 STUDIO ab	0.619
B5 L00 STUDIO ac	0.619
B5 L00 STUDIO ad	0.619
B5 L00 STUDIO ae	0.619
B5 L00 STUDIO af	0.619
B5 L00 STUDIO an	0.619
B5 L00 STUDIO ao	0.619
B5 L00 STUDIO ap	0.619
B5 L00 STUDIO av	1.159
B5 L00 STUDIO aw	0.619
B5 L00 STUDIO ax	0.619
B5 L00 STUDIO e	1.159
B5 L00 STUDY	1.193
B5 L00 STUDY...	0.522
B5 L01 BED (2Bc1)	0.619
B5 L01 BED (2Bc2)	0.476
B5 L01 BED (4Ba1)	0.619
B5 L01 BED (4Ba2)	0.619
B5 L01 BED (4Ba3)	0.619
B5 L01 BED (4Ba4)	0.619
B5 L01 KITCHEN (2Bb)	0.58

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B5 L01 LIVING/KITCHEN (2Ba)	1.159
B5 L01 LIVING/KITCHEN (2Bc)	0.619
B5 L01 LIVING/KITCHEN (3Ba)	0.619
B5 L01 LIVING/KITCHEN (4Ba)	1.778
B5 L01 STUDIO aa	0.619
B5 L01 STUDIO ab	0.619
B5 L01 STUDIO ac	0.619
B5 L01 STUDIO ad	0.619
B5 L01 STUDIO ae	0.619
B5 L01 STUDIO af	0.619
B5 L01 STUDIO an	0.619
B5 L01 STUDIO ao	0.619
B5 L01 STUDIO ap	0.619
B5 L01 STUDIO av	1.159
B5 L01 STUDIO aw	0.619
B5 L01 STUDIO ax	0.619
B5 L01 STUDIO e	1.159
B5 L01 STUDIO f	0.465
B5 L01 STUDIO p	0.619
B5 L01 STUDY	0.522
B5 L02 BED (2Bc1)	0.619
B5 L02 BED (2Bc2)	0.476
B5 L02 BED (4Ba1)	0.619
B5 L02 BED (4Ba2)	0.619
B5 L02 BED (4Ba3)	0.619
B5 L02 BED (4Ba4)	0.619
B5 L02 KITCHEN (2Bb)	0.58
B5 L02 LIVING/KITCHEN (2Ba)	1.159
B5 L02 LIVING/KITCHEN (2Bc)	0.619
B5 L02 LIVING/KITCHEN (3Ba)	0.619
B5 L02 LIVING/KITCHEN (4Ba)	1.778

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B5 L02 STUDIO aa	0.619
B5 L02 STUDIO ab	0.619
B5 L02 STUDIO ac	0.619
B5 L02 STUDIO ad	0.619
B5 L02 STUDIO ae	0.619
B5 L02 STUDIO af	0.619
B5 L02 STUDIO an	0.619
B5 L02 STUDIO ao	0.619
B5 L02 STUDIO ap	0.619
B5 L02 STUDIO av	1.159
B5 L02 STUDIO aw	0.619
B5 L02 STUDIO ax	0.619
B5 L02 STUDIO e	1.159
B5 L02 STUDIO f	0.465
B5 L02 STUDIO p	0.619
B5 L02 STUDY	0.522
B5 L03 BED (2Bc1)	0.619
B5 L03 BED (2Bc2)	0.476
B5 L03 BED (4Ba1)	0.619
B5 L03 BED (4Ba2)	0.619
B5 L03 BED (4Ba3)	0.619
B5 L03 BED (4Ba4)	0.619
B5 L03 KITCHEN (2Bb)	0.58
B5 L03 LIVING/KITCHEN (2Ba)	1.159
B5 L03 LIVING/KITCHEN (2Bc)	0.619
B5 L03 LIVING/KITCHEN (3Ba)	0.619
B5 L03 LIVING/KITCHEN (4Ba)	1.778
B5 L03 STUDIO aa	0.619
B5 L03 STUDIO ab	0.619
B5 L03 STUDIO ac	0.619
B5 L03 STUDIO ad	0.619

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B5 L03 STUDIO ae	0.619
B5 L03 STUDIO af	0.619
B5 L03 STUDIO an	0.619
B5 L03 STUDIO ao	0.619
B5 L03 STUDIO ap	0.619
B5 L03 STUDIO av	1.159
B5 L03 STUDIO aw	0.619
B5 L03 STUDIO ax	0.619
B5 L03 STUDIO e	1.159
B5 L03 STUDIO f	0.465
B5 L03 STUDIO p	0.619
B5 L03 STUDY	0.522
B5 L04 BED (2Bc1)	0.619
B5 L04 BED (2Bc2)	0.476
B5 L04 BED (4Ba1)	0.619
B5 L04 BED (4Ba2)	0.619
B5 L04 BED (4Ba3)	0.619
B5 L04 BED (4Ba4)	0.619
B5 L04 KITCHEN (2Bb)	0.58
B5 L04 LIVING/KITCHEN (2Bc)	0.619
B5 L04 LIVING/KITCHEN (3Ba)	0.619
B5 L04 LIVING/KITCHEN (4Ba)	1.778
B5 L04 STUDIO aa	0.619
B5 L04 STUDIO ab	0.619
B5 L04 STUDIO ac	0.619
B5 L04 STUDIO ad	0.619
B5 L04 STUDIO ae	0.619
B5 L04 STUDIO af	0.619
B5 L04 STUDIO an	0.619
B5 L04 STUDIO ao	0.619
B5 L04 STUDIO ap	0.619

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B5 L04 STUDIO av	1.159
B5 L04 STUDIO aw	0.619
B5 L04 STUDIO ax	0.619
B5 L04 STUDIO p	0.619
B5 L04 STUDY	0.522
B5 L05 BED (2Bc1)	0.619
B5 L05 BED (2Bc2)	0.476
B5 L05 BED (4Ba1)	0.619
B5 L05 BED (4Ba2)	0.619
B5 L05 BED (4Ba3)	0.619
B5 L05 BED (4Ba4)	0.619
B5 L05 KITCHEN (2Bb)	0.58
B5 L05 LIVING/KITCHEN (2Bc)	0.619
B5 L05 LIVING/KITCHEN (3Ba)	0.619
B5 L05 LIVING/KITCHEN (4Ba)	1.778
B5 L05 STUDIO aa	0.619
B5 L05 STUDIO ab	0.619
B5 L05 STUDIO ac	0.619
B5 L05 STUDIO ad	0.619
B5 L05 STUDIO ae	0.619
B5 L05 STUDIO af	0.619
B5 L05 STUDIO an	0.619
B5 L05 STUDIO ao	0.619
B5 L05 STUDIO ap	0.619
B5 L05 STUDIO av	1.159
B5 L05 STUDIO aw	0.619
B5 L05 STUDIO ax	0.619
B5 L05 STUDIO p	0.619
B5 L05 STUDY	0.522
B5 L06 BED (2Bc1)	0.619
B5 L06 BED (2Bc2)	0.476

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B5 L06 BED (4Ba1)	0.619
B5 L06 BED (4Ba2)	0.619
B5 L06 BED (4Ba3)	0.619
B5 L06 BED (4Ba4)	0.619
B5 L06 KITCHEN (2Bb)	0.58
B5 L06 LIVING/KITCHEN (2Bc)	0.619
B5 L06 LIVING/KITCHEN (3Ba)	0.619
B5 L06 LIVING/KITCHEN (4Ba)	1.778
B5 L06 STUDIO aa	0.619
B5 L06 STUDIO ab	0.619
B5 L06 STUDIO ac	0.619
B5 L06 STUDIO ad	0.619
B5 L06 STUDIO ae	0.619
B5 L06 STUDIO af	0.619
B5 L06 STUDIO an	0.619
B5 L06 STUDIO ao	0.619
B5 L06 STUDIO ap	0.619
B5 L06 STUDIO av	1.159
B5 L06 STUDIO aw	0.619
B5 L06 STUDIO ax	0.619
B5 L06 STUDIO p	0.619
B5 L06 STUDY	0.522
B5 L07 BED (4Ba1)	0.619
B5 L07 BED (4Ba2)	0.619
B5 L07 BED (4Ba3)	0.619
B5 L07 BED (4Ba4)	0.619
B5 L07 KITCHEN (2Bb)	0.58
B5 L07 LIVING/KITCHEN (3Ba)	0.619
B5 L07 LIVING/KITCHEN (4Ba)	1.778
B5 L07 STUDIO p	0.619
B5 L08 BED (4Ba1)	0.619

Space Name	Equivalent Orifice Area of Openable Windows (m²)
B5 L08 BED (4Ba2)	0.619
B5 L08 BED (4Ba3)	0.619
B5 L08 BED (4Ba4)	0.619
B5 L08 KITCHEN (2Bb)	0.58
B5 L08 LIVING/KITCHEN (3Ba)	0.619
B5 L08 LIVING/KITCHEN (4Ba)	1.778
B5 L08 STUDIO p	0.619
B5 L09 BED (4Ba1)	0.619
B5 L09 BED (4Ba2)	0.619
B5 L09 BED (4Ba3)	0.619
B5 L09 BED (4Ba4)	0.619
B5 L09 KITCHEN (2Bb)	0.58
B5 L09 LIVING/KITCHEN (3Ba)	0.619
B5 L09 LIVING/KITCHEN (4Ba)	1.778
B5 L09 STUDIO p	0.619
B5 L10 BED (4Ba1)	0.619
B5 L10 BED (4Ba2)	0.619
B5 L10 BED (4Ba3)	0.619
B5 L10 BED (4Ba4)	0.619
B5 L10 KITCHEN (2Bb)	0.58
B5 L10 LIVING/KITCHEN (3Ba)	0.619
B5 L10 LIVING/KITCHEN (4Ba)	1.778
B5 L10 STUDIO p	0.619
B5 L11 BED (4Ba1)	0.619
B5 L11 BED (4Ba2)	0.619
B5 L11 BED (4Ba3)	0.619
B5 L11 BED (4Ba4)	0.619
B5 L11 KITCHEN (2Bb)	0.58
B5 L11 LIVING/KITCHEN (3Ba)	0.619
B5 L11 LIVING/KITCHEN (4Ba)	1.778
B5 L11 STUDIO p	0.619

Appendix C - Required Heating and Cooling Capacities in Mechanically Cooled Spaces

Table C.1 Summary of estimated heating and cooling capacities applied in mechanically controlled spaces

Room Name	Total Heating Capacity (kW)	Total Cooling Capacity (kW)
B4 L00 DINING	2	1.9
B4 L00 GYM	21.9	22.7
B4 L00 LOUNGE	7.1	4
B4 L00 RECEPTION	0	3.5
B5 L00 AUDITORIUM	5.1	3.3
B5 L00 COMMERCIAL	6.5	11.6
B5 L00 DINING	2.4	2.6
B5 L00 LOUNGE	12.2	9
B5 L00 RECEPTION	0.8	0.9
B5 L00 STAFF ROOM	1.4	1.4
B4 L00 DINING	2	1.9
B4 L00 GYM	21.9	22.7
B4 L00 LOUNGE	7.1	4
B4 L00 RECEPTION	0	3.5
B5 L00 AUDITORIUM	5.1	3.3
B5 L00 COMMERCIAL	6.5	11.6
B5 L00 DINING	2.4	2.6
B5 L00 LOUNGE	12.2	9
B5 L00 RECEPTION	0.8	0.9
B5 L00 STAFF ROOM	1.4	1.4

Appendix D - TM59 Overheating Results

D.1 DSY1 2020 (Part O Mandatory)

D.1.1 Block 1

Table D.1 TM59 overheating assessment results for all bedroom and studio spaces within Block 1, assessed against DSY1 2020

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B1 L02 STUDIO k	0	PASS	0	PASS	PASS	27.7
B1 L02 STUDIO l	0	PASS	0	PASS	PASS	27.7
B1 L02 STUDIO e	0	PASS	0	PASS	PASS	28.2
B1 L02 STUDIO i	0	PASS	0	PASS	PASS	27.7
B1 L02 STUDIO h	0	PASS	0	PASS	PASS	27.9
B1 L02 STUDIO f	0	PASS	0	PASS	PASS	28.2
B1 L02 STUDIO m	0	PASS	0	PASS	PASS	27.7
B1 L02 STUDIO n	0	PASS	0	PASS	PASS	27.9
B1 L02 STUDIO c	0	PASS	0	PASS	PASS	28.2
B1 L02 STUDIO o	0	PASS	0	PASS	PASS	27.6
B1 L02 STUDIO p	0	PASS	0	PASS	PASS	27.6
B1 L02 STUDIO b	0	PASS	0	PASS	PASS	28.1
B1 L02 STUDIO q	0	PASS	0	PASS	PASS	27.6
B1 L02 STUDIO r	0	PASS	0	PASS	PASS	27.6
B1 L02 STUDIO a	0	PASS	0	PASS	PASS	28.2
B1 L02 STUDIO s	0	PASS	0	PASS	PASS	27.4
B1 L02 STUDIO d	0	PASS	0	PASS	PASS	28.2
B1 L02 STUDIO g	0	PASS	0	PASS	PASS	28.1
B1 L02 STUDIO j	0	PASS	0	PASS	PASS	27.7
B1 L03 STUDIO k	0	PASS	0	PASS	PASS	27.7
B1 L03 STUDIO l	0	PASS	0	PASS	PASS	27.7
B1 L03 STUDIO e	0	PASS	0	PASS	PASS	28.2
B1 L03 STUDIO i	0	PASS	0	PASS	PASS	27.8
B1 L03 STUDIO h	0	PASS	0	PASS	PASS	27.9
B1 L03 STUDIO f	0	PASS	0	PASS	PASS	28.2
B1 L03 STUDIO m	0	PASS	0	PASS	PASS	27.7
B1 L03 STUDIO n	0	PASS	0	PASS	PASS	27.8
B1 L03 STUDIO c	0	PASS	0	PASS	PASS	28.1

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B1 L03 STUDIO o	0	PASS	0	PASS	PASS	27.6
B1 L03 STUDIO p	0	PASS	0	PASS	PASS	27.5
B1 L03 STUDIO b	0	PASS	0	PASS	PASS	28.1
B1 L03 STUDIO q	0	PASS	0	PASS	PASS	27.6
B1 L03 STUDIO r	0	PASS	0	PASS	PASS	27.6
B1 L03 STUDIO a	0	PASS	0	PASS	PASS	28.1
B1 L03 STUDIO s	0	PASS	0	PASS	PASS	27.4
B1 L03 STUDIO d	0	PASS	0	PASS	PASS	28.1
B1 L03 STUDIO g	0	PASS	0	PASS	PASS	28.2
B1 L03 STUDIO j	0	PASS	0	PASS	PASS	27.7
B1 L01 STUDIO k	0	PASS	0	PASS	PASS	27.7
B1 L01 STUDIO l	0	PASS	0	PASS	PASS	27.7
B1 L01 STUDIO e	0	PASS	0	PASS	PASS	28.1
B1 L01 STUDIO i	0	PASS	0	PASS	PASS	27.5
B1 L01 STUDIO h	0	PASS	0	PASS	PASS	27.9
B1 L01 STUDIO f	0	PASS	0	PASS	PASS	28
B1 L01 STUDIO m	0	PASS	0	PASS	PASS	27.7
B1 L01 STUDIO n	0	PASS	0	PASS	PASS	28
B1 L01 STUDIO c	0	PASS	0	PASS	PASS	28.1
B1 L01 STUDIO o	0	PASS	0	PASS	PASS	27.6
B1 L01 STUDIO p	0	PASS	0	PASS	PASS	27.6
B1 L01 STUDIO b	0	PASS	0	PASS	PASS	28.1
B1 L01 STUDIO q	0	PASS	0	PASS	PASS	27.6
B1 L01 STUDIO r	0	PASS	0	PASS	PASS	27.6
B1 L01 STUDIO a	0	PASS	0	PASS	PASS	27.9
B1 L01 STUDIO s	0	PASS	0	PASS	PASS	27.4
B1 L01 STUDIO d	0	PASS	0	PASS	PASS	28.2
B1 L01 STUDIO g	0	PASS	0	PASS	PASS	28
B1 L01 STUDIO j	0	PASS	0	PASS	PASS	27.7
B1 L00 STUDIO k	0	PASS	0	PASS	PASS	28
B1 L00 STUDIO l	0	PASS	0	PASS	PASS	28

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B1 L00 STUDIO e	0	PASS	0	PASS	PASS	28.4
B1 L00 STUDIO h	0	PASS	0	PASS	PASS	28.2
B1 L00 STUDIO f	0	PASS	0	PASS	PASS	28.4
B1 L00 STUDIO m	0	PASS	0	PASS	PASS	28.1
B1 L00 STUDIO c	0	PASS	0	PASS	PASS	28.5
B1 L00 STUDIO o	0	PASS	0	PASS	PASS	28.1
B1 L00 STUDIO p	0	PASS	0	PASS	PASS	27.9
B1 L00 STUDIO b	0	PASS	0	PASS	PASS	28.4
B1 L00 STUDIO q	0	PASS	0	PASS	PASS	27.9
B1 L00 STUDIO r	0	PASS	0	PASS	PASS	28
B1 L00 STUDIO a	0	PASS	0	PASS	PASS	28.2
B1 L00 STUDIO s	0	PASS	0	PASS	PASS	27.7
B1 L00 STUDIO d	0	PASS	0	PASS	PASS	28.5
B1 L00 STUDIO g	0	PASS	0	PASS	PASS	28.4
B1 L00 STUDIO j	0	PASS	0	PASS	PASS	28
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.2 TM59 overheating assessment results for all circulation spaces within Block 1, assessed against DSY1 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (°C)
B1 L02 CORRIDOR a	0	PASS	27.4
B1 L02 CORRIDOR c	0	PASS	26.9
B1 L03 CORRIDOR a	0	PASS	27.4
B1 L03 CORRIDOR c	0	PASS	26.9
B1 L01 CORRIDOR a	0	PASS	27.3
B1 L01 CORRIDOR c	0	PASS	26.9
B1 L00 CORRIDOR a	0	PASS	27.2
B1 L00 CORRIDOR c	0	PASS	27.1
B1 L02 CIRC 00	0	PASS	25.8
B1 L02 STAIR 01	0	PASS	26
B1 L02 STAIR 02	0.1	PASS	28.5
B1 L02 CIRC 03	0	PASS	26.8
B1 L03 CIRC 04	0	PASS	25.9

Room Name	Criterion A	PASS/FAIL	Peak temperature (°C)
B1 L03 STAIR 05	0	PASS	26.1
B1 L03 STAIR 06	0.1	PASS	28.5
B1 L03 CIRC 07	0	PASS	26.8
B1 L01 CIRC 08	0	PASS	25.9
B1 L01 STAIR 09	0	PASS	25.9
B1 L01 STAIR 10	0	PASS	28.1
B1 L01 CIRC 11	0	PASS	26.7
B1 L00 STAIR 12	0	PASS	25.3
B1 L00 STAIR 13	0	PASS	28.4
B1 L00 CIRC 14	0	PASS	27.2

D.1.2 Block 2

Table D.3 TM59 overheating assessment results for all bedroom and studio spaces within Block 2, assessed against DSY1 2020

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B2 L02 STUDIO a	0	PASS	0	PASS	PASS	28
B2 L02 STUDIO i	0	PASS	0	PASS	PASS	28
B2 L02 STUDIO d	0	PASS	0	PASS	PASS	28.2
B2 L02 STUDIO f	0	PASS	0	PASS	PASS	28.2
B2 L02 STUDIO j	0	PASS	0	PASS	PASS	28.4
B2 L02 STUDIO h	0	PASS	0	PASS	PASS	28.1
B2 L02 STUDIO c	0	PASS	0	PASS	PASS	27.6
B2 L02 STUDIO e	0	PASS	0	PASS	PASS	28.2
B2 L02 STUDIO b	0	PASS	0	PASS	PASS	27.9
B2 L02 STUDIO g	0	PASS	0	PASS	PASS	28.2
B2 L01 STUDIO a	0	PASS	0	PASS	PASS	27.8
B2 L01 STUDIO i	0	PASS	0	PASS	PASS	28
B2 L01 STUDIO d	0	PASS	0	PASS	PASS	28.1
B2 L01 STUDIO f	0	PASS	0	PASS	PASS	28.2
B2 L01 STUDIO j	0	PASS	0	PASS	PASS	28.1
B2 L01 STUDIO h	0	PASS	0	PASS	PASS	28
B2 L01 STUDIO c	0	PASS	0	PASS	PASS	27.6

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B2 L01 STUDIO e	0	PASS	0	PASS	PASS	28.1
B2 L01 STUDIO b	0	PASS	0	PASS	PASS	27.8
B2 L01 STUDIO g	0	PASS	0	PASS	PASS	28.2
B2 L00 STUDIO i	0	PASS	0	PASS	PASS	28
B2 L00 STUDIO f	0	PASS	0	PASS	PASS	28.1
B2 L00 STUDIO j	0	PASS	0	PASS	PASS	28.4
B2 L00 STUDIO h	0	PASS	0	PASS	PASS	28
B2 L00 STUDIO g	0	PASS	0	PASS	PASS	28.1
B2 L03 STUDIO a	0	PASS	0	PASS	PASS	28
B2 L03 STUDIO i	0	PASS	0	PASS	PASS	28
B2 L03 STUDIO d	0	PASS	0	PASS	PASS	28.3
B2 L03 STUDIO f	0	PASS	0	PASS	PASS	28.2
B2 L03 STUDIO j	0	PASS	0	PASS	PASS	28.4
B2 L03 STUDIO h	0	PASS	0	PASS	PASS	28.1
B2 L03 STUDIO e	0	PASS	0	PASS	PASS	28.2
B2 L03 STUDIO b	0	PASS	0	PASS	PASS	27.9
B2 L03 STUDIO g	0	PASS	0	PASS	PASS	28.2
B2 L04 STUDIO a	0	PASS	0	PASS	PASS	28
B2 L04 STUDIO i	0	PASS	0	PASS	PASS	28
B2 L04 STUDIO d	0	PASS	0	PASS	PASS	28.3
B2 L04 STUDIO f	0	PASS	0	PASS	PASS	28.2
B2 L04 STUDIO h	0	PASS	0	PASS	PASS	28.1
B2 L04 STUDIO c	0	PASS	0	PASS	PASS	27.6
B2 L04 STUDIO e	0	PASS	0	PASS	PASS	28.2
B2 L04 STUDIO b	0	PASS	0	PASS	PASS	28
B2 L04 STUDIO g	0	PASS	0	PASS	PASS	28.2
B2 L05 STUDIO a	0	PASS	0	PASS	PASS	28
B2 L05 STUDIO i	0	PASS	0	PASS	PASS	28
B2 L05 STUDIO d	0	PASS	0	PASS	PASS	28.2
B2 L05 STUDIO f	0	PASS	0	PASS	PASS	28.2
B2 L05 STUDIO h	0	PASS	0	PASS	PASS	28

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B2 L05 STUDIO c	0	PASS	0	PASS	PASS	27.7
B2 L05 STUDIO e	0	PASS	0	PASS	PASS	28.2
B2 L05 STUDIO b	0	PASS	0	PASS	PASS	27.9
B2 L05 STUDIO g	0	PASS	0	PASS	PASS	28.1
B2 L02 BED (2Ba2)	0	PASS	0	PASS	PASS	27.8
B2 L02 BED (2Bb1)	0	PASS	0	PASS	PASS	27.3
B2 L02 BED (2Ba1)	0	PASS	0	PASS	PASS	27.8
B2 L02 BED (2Bb2)	0	PASS	0	PASS	PASS	27.3
B2 L02 BED (3Ba1)	0	PASS	0	PASS	PASS	27.6
B2 L02 BED (3Bd2)	0	PASS	0	PASS	PASS	27.6
B2 L02 BED (3Bc3)	0	PASS	0	PASS	PASS	28.5
B2 L02 BED (3Be1)	0	PASS	0	PASS	PASS	27.3
B2 L02 BED (3Be2)	0	PASS	0	PASS	PASS	27.5
B2 L02 BED (3Be3)	0	PASS	0	PASS	PASS	27.2
B2 L02 BED (3Bd1)	0	PASS	0	PASS	PASS	27.4
B2 L02 BED (3Bc2)	0.1	PASS	2	PASS	PASS	28.7
B2 L02 BED (3Bb3)	0.1	PASS	0	PASS	PASS	28.7
B2 L02 BED (3Bc1)	0.1	PASS	0	PASS	PASS	28.7
B2 L02 BED (3Bb2)	0.1	PASS	2	PASS	PASS	28.6
B2 L02 BED (3Bb1)	0	PASS	0	PASS	PASS	28.5
B2 L02 BED (3Ba2)	0	PASS	0	PASS	PASS	28.5
B2 L02 BED (3Ba3)	0.1	PASS	0	PASS	PASS	28.6
B2 L02 BED (3Bd3)	0	PASS	0	PASS	PASS	27.5
B2 L02 BED (4Ba3)	0	PASS	0	PASS	PASS	27.6
B2 L02 BED (4Ba2)	0	PASS	0	PASS	PASS	27.6
B2 L02 BED (4Ba4)	0	PASS	0	PASS	PASS	27.4
B2 L02 BED (4Ba1)*	0.8	PASS	32	PASS	PASS	27.4
B2 L01 BED (2Ba2)	0	PASS	0	PASS	PASS	27.7
B2 L01 BED (2Bb2)	0	PASS	0	PASS	PASS	27.3
B2 L01 BED (2Ba1)	0	PASS	0	PASS	PASS	27.7
B2 L01 BED (2Bb1)	0	PASS	0	PASS	PASS	27.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B2 L01 BED (3Ba1)	0	PASS	0	PASS	PASS	27.4
B2 L01 BED (3Bc3)	0	PASS	0	PASS	PASS	28.3
B2 L01 BED (3Bc2)	0	PASS	4	PASS	PASS	28.5
B2 L01 BED (3Bb3)	0	PASS	0	PASS	PASS	28.4
B2 L01 BED (3Bc1)	0	PASS	0	PASS	PASS	28.4
B2 L01 BED (3Bb2)	0	PASS	2	PASS	PASS	28.4
B2 L01 BED (3Bb1)	0	PASS	0	PASS	PASS	28.2
B2 L01 BED (3Ba2)	0	PASS	0	PASS	PASS	28.2
B2 L01 BED (3Ba3)	0	PASS	0	PASS	PASS	28.3
B2 L01 BED (3Bd3)	0	PASS	0	PASS	PASS	27.5
B2 L01 BED (3Bd2)	0	PASS	0	PASS	PASS	27.6
B2 L01 BED (3Bd1)	0	PASS	0	PASS	PASS	27.4
B2 L01 BED (4Be2)	0	PASS	0	PASS	PASS	27.3
B2 L01 BED (2Be1)	0	PASS	0	PASS	PASS	27.2
B2 L01 BED (2Bd2)	0	PASS	0	PASS	PASS	27.2
B2 L01 BED (2Bd1)	0	PASS	0	PASS	PASS	27.1
B2 L01 BED (2Bc1)	0	PASS	0	PASS	PASS	27.2
B2 L01 BED (2Bc2)	0	PASS	0	PASS	PASS	27.1
B2 L00 BED (2Ba2)	0	PASS	0	PASS	PASS	27.6
B2 L00 BED (2Ba1)	0	PASS	0	PASS	PASS	27.6
B2 L00 BED (3Bc3)	0	PASS	0	PASS	PASS	28.6
B2 L00 BED (3Bc2)	0.1	PASS	4	PASS	PASS	28.7
B2 L00 BED (3Bb3)	0	PASS	0	PASS	PASS	28.6
B2 L00 BED (3Bc1)	0	PASS	0	PASS	PASS	28.7
B2 L00 BED (3Bb2)	0	PASS	2	PASS	PASS	28.6
B2 L00 BED (3Bb1)	0	PASS	0	PASS	PASS	28.5
B2 L00 BED (3Bd3)	0	PASS	0	PASS	PASS	27.6
B2 L00 BED (3Bd2)	0	PASS	2	PASS	PASS	27.9
B2 L00 BED (3Bd1)	0	PASS	0	PASS	PASS	27.7
B2 L00 BED (4Be2)	0	PASS	0	PASS	PASS	27.5
B2 L00 BED (2Be1)	0	PASS	0	PASS	PASS	27.4

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B2 L00 BED (2Bd2)	0	PASS	0	PASS	PASS	27.5
B2 L00 BED (2Bd1)	0	PASS	0	PASS	PASS	27.3
B2 L00 BED (2Bc1)	0	PASS	0	PASS	PASS	27.5
B2 L00 BED (2Bc2)	0	PASS	0	PASS	PASS	27.4
B2 L03 BED (2Ba2)	0	PASS	0	PASS	PASS	27.8
B2 L03 BED (2Ba1)	0	PASS	0	PASS	PASS	27.8
B2 L03 BED (3Ba1)	0	PASS	0	PASS	PASS	27.6
B2 L03 BED (3Bc3)	0	PASS	0	PASS	PASS	28.5
B2 L03 BED (3Bc2)	0.1	PASS	2	PASS	PASS	28.6
B2 L03 BED (3Bb3)	0.1	PASS	0	PASS	PASS	28.6
B2 L03 BED (3Bc1)	0.1	PASS	0	PASS	PASS	28.7
B2 L03 BED (3Bb2)	0.1	PASS	2	PASS	PASS	28.6
B2 L03 BED (3Bb1)	0	PASS	0	PASS	PASS	28.4
B2 L03 BED (3Ba2)	0.1	PASS	2	PASS	PASS	28.6
B2 L03 BED (3Ba3)	0.1	PASS	0	PASS	PASS	28.6
B2 L04 BED (2Ba2)	0	PASS	0	PASS	PASS	27.8
B2 L04 BED (2Ba1)	0	PASS	0	PASS	PASS	27.8
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.4 TM59 overheating assessment results for all living/kitchen spaces within Block 2, assessed against DSY1 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (°C)
B2 L02 KITCHEN (3Bd)*	0.4	PASS	27.2
B2 L02 KITCHEN (3Bc)*	0.8	PASS	27.7
B2 L02 KITCHEN (3Ba)*	0.4	PASS	27.1
B2 L02 KITCHEN (3Be)*	0.4	PASS	27.2
B2 L02 KITCHEN (3Bb)*	0.6	PASS	27.4
B2 L02 KITCHEN (4B)*	0.7	PASS	27.6
B2 L02 KITCHEN (2Bb)*	0	PASS	26.1
B2 L02 LIVING (4Ba)	0.1	PASS	28.3
B2 L02 LIVING/KITCHEN (2Ba)	0	PASS	27.5
B2 L01 KITCHEN (3Bc)*	0.6	PASS	27.5
B2 L01 KITCHEN (3Ba)*	0.4	PASS	27

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L01 KITCHEN (3Bb)*	0.4	PASS	27.3
B2 L01 KITCHEN (2Bb)*	0	PASS	26
B2 L01 LIVING/KITCHEN (2Ba)	0	PASS	27.4
B2 L01 KITCHEN (3Bd)*	0.6	PASS	27.5
B2 L01 KITCHEN (2Be)*	0.4	PASS	27.2
B2 L01 KITCHEN (2Bd)*	0.4	PASS	27.2
B2 L01 KITCHEN (2Bc)*	0.4	PASS	27.3
B2 L00 KITCHEN (3Bc)*	0.7	PASS	27.8
B2 L00 KITCHEN (3Bb)*	0.5	PASS	27.5
B2 L00 LIVING/KITCHEN (2Ba)	0	PASS	27.5
B2 L00 KITCHEN (3Bd)*	0.5	PASS	27.7
B2 L00 KITCHEN (2Be)*	0.4	PASS	27.5
B2 L00 KITCHEN (2Bd)*	0.5	PASS	27.5
B2 L00 KITCHEN (2Bc)*	0.5	PASS	27.6
B2 L03 KITCHEN (3Bc)*	1	PASS	28.1
B2 L03 KITCHEN (3Ba)*	0.4	PASS	27.2
B2 L03 KITCHEN (3Bb)*	0.7	PASS	27.7
B2 L03 LIVING/KITCHEN (2Ba)	0	PASS	27.5
B2 L04 LIVING/KITCHEN (2Ba)	0	PASS	27.4
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.5 TM59 overheating assessment results for all circulation spaces within Block 2, assessed against DSY1 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L02 CORRIDOR a	0	PASS	27.4
B2 L02 CORRIDOR b	0	PASS	26.8
B2 L01 CORRIDOR a	0	PASS	27.1
B2 L01 CORRIDOR b	0	PASS	26.9
B2 L00 CORRIDOR b	0	PASS	27.2
B2 L00 CORRIDOR a	0	PASS	27.2
B2 L03 CORRIDOR a	0	PASS	28
B2 L03 CORRIDOR b	0	PASS	26.9
B2 L04 CORRIDOR b	0	PASS	27.1

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L05 CORRIDOR b	0	PASS	27.3
B2 L02 CIRC 15	0	PASS	24.6
B2 L02 CIRC (3B) 00	0	PASS	25.8
B2 L02 CIRC (3B) 01	0	PASS	25.3
B2 L02 CIRC (3B) 02	0	PASS	25.4
B2 L02 CIRC (3B) 03	0	PASS	25.7
B2 L02 CIRC (3B) 04	0	PASS	25.5
B2 L02 CIRC (4B) 05	0	PASS	25.3
B2 L02 CIRC (4B) 06	0	PASS	25.8
B2 L02 STAIR 16	0	PASS	26.4
B2 L02 STAIR 17	0	PASS	25.3
B2 L01 CIRC 18	0	PASS	24.8
B2 L01 CIRC (3B) 07	0	PASS	25.6
B2 L01 CIRC (3B) 08	0	PASS	25.5
B2 L01 CIRC (3B) 09	0	PASS	25.3
B2 L01 STAIR 19	0	PASS	26.2
B2 L01 STAIR 20	0	PASS	25.4
B2 L01 CIRC (3B) 10	0	PASS	25.4
B2 L01 CIRC (2B) 11	0	PASS	25.4
B2 L01 CIRC (2B) 12	0	PASS	25.3
B2 L01 CIRC (2B) 13	0	PASS	25.3
B2 L00 CIRC (3B) 14	0	PASS	25.6
B2 L00 CIRC (3B) 15	0	PASS	25.4
B2 L00 STAIR 21	0	PASS	26.1
B2 L00 STAIR 22	0	PASS	25.5
B2 L00 CIRC (3B) 16	0	PASS	25.3
B2 L00 CIRC (2B) 17	0	PASS	25.3
B2 L00 CIRC (2B) 18	0	PASS	25.3
B2 L00 CIRC (2B) 19	0	PASS	25.3
B2 L00 CORRIDOR 23	0	PASS	25.8
B2 L00 CIRC 24	0	PASS	25.8

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L03 CIRC 25	0	PASS	24.6
B2 L03 CIRC (3B) 20	0	PASS	25.9
B2 L03 CIRC (3B) 21	0	PASS	25.9
B2 L03 CIRC (3B) 22	0	PASS	25.7
B2 L03 STAIR 26	0	PASS	26.6
B2 L03 STAIR 27	0	PASS	25.3
B2 L04 STAIR 28	0	PASS	25
B2 L04 CIRC 29	0	PASS	24.3
B2 L05 STAIR 30	0	PASS	25
B2 L05 CIRC 31	0	PASS	24.3

D.1.3 Block 3

Table D.6 TM59 overheating assessment results for all bedroom and studio spaces within Block 3, assessed against DSY1 2020

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B3 L03 STUDIO j	0	PASS	0	PASS	PASS	28.3
B3 L02 STUDIO a	0	PASS	0	PASS	PASS	27.9
B3 L02 STUDIO i	0	PASS	0	PASS	PASS	28
B3 L02 STUDIO d	0	PASS	0	PASS	PASS	28.2
B3 L02 STUDIO f	0	PASS	0	PASS	PASS	28.2
B3 L02 STUDIO j	0	PASS	0	PASS	PASS	28.1
B3 L02 STUDIO h	0	PASS	0	PASS	PASS	28.1
B3 L02 STUDIO c	0	PASS	0	PASS	PASS	27.6
B3 L02 STUDIO e	0	PASS	0	PASS	PASS	28.2
B3 L02 STUDIO b	0	PASS	0	PASS	PASS	27.9
B3 L02 STUDIO g	0	PASS	0	PASS	PASS	28.2
B3 L01 STUDIO a	0	PASS	0	PASS	PASS	27.8
B3 L01 STUDIO i	0	PASS	0	PASS	PASS	28
B3 L01 STUDIO d	0	PASS	0	PASS	PASS	28.1
B3 L01 STUDIO f	0	PASS	0	PASS	PASS	28.2
B3 L01 STUDIO j	0	PASS	0	PASS	PASS	27.3
B3 L01 STUDIO h	0	PASS	0	PASS	PASS	28.1

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B3 L01 STUDIO c	0	PASS	0	PASS	PASS	27.7
B3 L01 STUDIO e	0	PASS	0	PASS	PASS	28.1
B3 L01 STUDIO b	0	PASS	0	PASS	PASS	27.8
B3 L01 STUDIO g	0	PASS	0	PASS	PASS	28.2
B3 L00 STUDIO i	0	PASS	0	PASS	PASS	28
B3 L00 STUDIO f	0	PASS	0	PASS	PASS	28.1
B3 L00 STUDIO j	0	PASS	0	PASS	PASS	27.6
B3 L00 STUDIO h	0	PASS	0	PASS	PASS	28.1
B3 L00 STUDIO g	0	PASS	0	PASS	PASS	28.1
B3 L03 STUDIO a	0	PASS	0	PASS	PASS	28
B3 L03 STUDIO i	0	PASS	0	PASS	PASS	28
B3 L03 STUDIO d	0	PASS	0	PASS	PASS	28.2
B3 L03 STUDIO f	0	PASS	0	PASS	PASS	28.2
B3 L03 STUDIO h	0	PASS	0	PASS	PASS	28.1
B3 L03 STUDIO e	0	PASS	0	PASS	PASS	28.2
B3 L03 STUDIO b	0	PASS	0	PASS	PASS	27.9
B3 L03 STUDIO g	0	PASS	0	PASS	PASS	28.2
B3 L04 STUDIO a	0	PASS	0	PASS	PASS	28
B3 L04 STUDIO i	0	PASS	0	PASS	PASS	28
B3 L04 STUDIO d	0	PASS	0	PASS	PASS	28.2
B3 L04 STUDIO f	0	PASS	0	PASS	PASS	28.2
B3 L04 STUDIO h	0	PASS	0	PASS	PASS	28.1
B3 L04 STUDIO c	0	PASS	0	PASS	PASS	27.6
B3 L04 STUDIO e	0	PASS	0	PASS	PASS	28.2
B3 L04 STUDIO b	0	PASS	0	PASS	PASS	27.9
B3 L04 STUDIO g	0	PASS	0	PASS	PASS	28.2
B3 L05 STUDIO a	0	PASS	0	PASS	PASS	27.9
B3 L05 STUDIO i	0	PASS	0	PASS	PASS	28
B3 L05 STUDIO d	0	PASS	0	PASS	PASS	28.2
B3 L05 STUDIO f	0	PASS	0	PASS	PASS	28.1
B3 L05 STUDIO h	0	PASS	0	PASS	PASS	28

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B3 L05 STUDIO c	0	PASS	0	PASS	PASS	27.6
B3 L05 STUDIO e	0	PASS	0	PASS	PASS	28.1
B3 L05 STUDIO b	0	PASS	0	PASS	PASS	27.9
B3 L05 STUDIO g	0	PASS	0	PASS	PASS	28.1
B3 L02 BED (2Ba2)	0	PASS	0	PASS	PASS	27.8
B3 L02 BED (2Bb1)	0	PASS	0	PASS	PASS	27.2
B3 L02 BED (2Ba1)	0	PASS	0	PASS	PASS	27.8
B3 L02 BED (2Bb2)	0	PASS	0	PASS	PASS	27.1
B3 L02 BED (3Ba1)	0	PASS	0	PASS	PASS	26.7
B3 L02 BED (3Bd2)	0	PASS	0	PASS	PASS	27.5
B3 L02 BED (3Bc3)	0	PASS	0	PASS	PASS	28.5
B3 L02 BED (3Be1)	0	PASS	0	PASS	PASS	27.3
B3 L02 BED (3Be2)	0	PASS	0	PASS	PASS	27.4
B3 L02 BED (3Be3)	0	PASS	0	PASS	PASS	27
B3 L02 BED (3Bd1)	0	PASS	0	PASS	PASS	27.4
B3 L02 BED (3Bc2)	0	PASS	2	PASS	PASS	28.5
B3 L02 BED (3Bb3)	0	PASS	0	PASS	PASS	28.4
B3 L02 BED (3Bc1)	0	PASS	0	PASS	PASS	28.5
B3 L02 BED (3Bb2)	0	PASS	0	PASS	PASS	28.4
B3 L02 BED (3Bb1)	0	PASS	0	PASS	PASS	28.3
B3 L02 BED (3Ba2)	0	PASS	0	PASS	PASS	27.9
B3 L02 BED (3Ba3)	0	PASS	0	PASS	PASS	28
B3 L02 BED (3Bd3)	0	PASS	0	PASS	PASS	27.4
B3 L02 BED (4Ba3)	0	PASS	0	PASS	PASS	27.6
B3 L02 BED (4Ba2)	0	PASS	0	PASS	PASS	27.6
B3 L02 BED (4Ba4)	0	PASS	0	PASS	PASS	27.4
B3 L02 BED (4Ba1)*	0.8	PASS	32	PASS	PASS	27.4
B3 L01 BED (2Ba2)	0	PASS	0	PASS	PASS	27.7
B3 L01 BED (2Bb2)	0	PASS	0	PASS	PASS	27.1
B3 L01 BED (2Ba1)	0	PASS	0	PASS	PASS	27.7
B3 L01 BED (2Bb1)	0	PASS	0	PASS	PASS	27

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B3 L01 BED (3Ba1)	0	PASS	0	PASS	PASS	26.6
B3 L01 BED (3Bc3)	0	PASS	0	PASS	PASS	28
B3 L01 BED (3Bc2)	0	PASS	0	PASS	PASS	28
B3 L01 BED (3Bb3)	0	PASS	0	PASS	PASS	28
B3 L01 BED (3Bc1)	0	PASS	0	PASS	PASS	28
B3 L01 BED (3Bb2)	0	PASS	0	PASS	PASS	28
B3 L01 BED (3Bb1)	0	PASS	0	PASS	PASS	27.7
B3 L01 BED (3Ba2)	0	PASS	0	PASS	PASS	27.3
B3 L01 BED (3Ba3)	0	PASS	0	PASS	PASS	27.4
B3 L01 BED (3Bd3)	0	PASS	0	PASS	PASS	27.4
B3 L01 BED (3Bd2)	0	PASS	0	PASS	PASS	27.6
B3 L01 BED (3Bd1)	0	PASS	0	PASS	PASS	27.4
B3 L01 BED (4Be2)	0	PASS	0	PASS	PASS	27.2
B3 L01 BED (2Be1)	0	PASS	0	PASS	PASS	27.1
B3 L01 BED (2Bd2)	0	PASS	0	PASS	PASS	27.1
B3 L01 BED (2Bd1)	0	PASS	0	PASS	PASS	27
B3 L01 BED (2Bc1)	0	PASS	0	PASS	PASS	26.9
B3 L01 BED (2Bc2)	0	PASS	0	PASS	PASS	27
B3 L00 BED (2Ba2)	0	PASS	0	PASS	PASS	27.6
B3 L00 BED (2Ba1)	0	PASS	0	PASS	PASS	27.6
B3 L00 BED (3Bc3)	0	PASS	0	PASS	PASS	28.1
B3 L00 BED (3Bc2)	0	PASS	0	PASS	PASS	28.1
B3 L00 BED (3Bb3)	0	PASS	0	PASS	PASS	28
B3 L00 BED (3Bc1)	0	PASS	0	PASS	PASS	28.1
B3 L00 BED (3Bb2)	0	PASS	0	PASS	PASS	28
B3 L00 BED (3Bb1)	0	PASS	0	PASS	PASS	27.7
B3 L00 BED (3Bd3)	0	PASS	0	PASS	PASS	27.6
B3 L00 BED (3Bd2)	0	PASS	0	PASS	PASS	27.8
B3 L00 BED (3Bd1)	0	PASS	0	PASS	PASS	27.6
B3 L00 BED (4Be2)	0	PASS	0	PASS	PASS	27.4
B3 L00 BED (2Be1)	0	PASS	0	PASS	PASS	27.3

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B3 L00 BED (2Bd2)	0	PASS	0	PASS	PASS	27.3
B3 L00 BED (2Bd1)	0	PASS	0	PASS	PASS	27.1
B3 L00 BED (2Bc1)	0	PASS	0	PASS	PASS	27.1
B3 L00 BED (2Bc2)	0	PASS	0	PASS	PASS	27.1
B3 L03 BED (2Ba2)	0	PASS	0	PASS	PASS	27.8
B3 L03 BED (2Ba1)	0	PASS	0	PASS	PASS	27.8
B3 L03 BED (3Ba1)	0	PASS	0	PASS	PASS	26.8
B3 L03 BED (3Bc3)	0	PASS	0	PASS	PASS	28.5
B3 L03 BED (3Bc2)	0.1	PASS	2	PASS	PASS	28.6
B3 L03 BED (3Bb3)	0	PASS	0	PASS	PASS	28.6
B3 L03 BED (3Bc1)	0.1	PASS	0	PASS	PASS	28.7
B3 L03 BED (3Bb2)	0	PASS	0	PASS	PASS	28.5
B3 L03 BED (3Bb1)	0	PASS	0	PASS	PASS	28.4
B3 L03 BED (3Ba2)	0	PASS	0	PASS	PASS	28.1
B3 L03 BED (3Ba3)	0	PASS	0	PASS	PASS	28.3
B3 L04 BED (2Ba2)	0	PASS	0	PASS	PASS	27.7
B3 L04 BED (2Ba1)	0	PASS	0	PASS	PASS	27.8
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.7 TM59 overheating assessment results for all living/kitchen spaces within Block 3, assessed against DSY1 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L02 KITCHEN (3Bd)*	0.4	PASS	27.2
B3 L02 KITCHEN (3Bc)*	0.8	PASS	27.7
B3 L02 KITCHEN (3Ba)*	0.4	PASS	27
B3 L02 KITCHEN (3Be)*	0.4	PASS	27.1
B3 L02 KITCHEN (3Bb)*	0.5	PASS	27.3
B3 L02 KITCHEN (4B)*	0.7	PASS	27.5
B3 L02 KITCHEN (2Bb)*	0	PASS	26
B3 L02 LIVING (4Ba)	0.1	PASS	28.3
B3 L02 LIVING/KITCHEN (2Ba)	0	PASS	27.4
B3 L01 KITCHEN (3Bc)*	0.6	PASS	27.4
B3 L01 KITCHEN (3Ba)*	0.2	PASS	26.9

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L01 KITCHEN (3Bb)*	0.4	PASS	27.1
B3 L01 KITCHEN (2Bb)*	0	PASS	25.8
B3 L01 LIVING/KITCHEN (2Ba)	0	PASS	27.3
B3 L01 KITCHEN (3Bd)*	0.5	PASS	27.5
B3 L01 KITCHEN (2Be)*	0.4	PASS	27.2
B3 L01 KITCHEN (2Bd)*	0.4	PASS	27.1
B3 L01 KITCHEN (2Bc)*	0.4	PASS	27.1
B3 L00 KITCHEN (3Bc)*	0.6	PASS	27.6
B3 L00 KITCHEN (3Bb)*	0.4	PASS	27.3
B3 L00 LIVING/KITCHEN (2Ba)	0	PASS	27.5
B3 L00 KITCHEN (3Bd)*	0.5	PASS	27.6
B3 L00 KITCHEN (2Be)*	0.4	PASS	27.4
B3 L00 KITCHEN (2Bd)*	0.4	PASS	27.3
B3 L00 KITCHEN (2Bc)*	0.4	PASS	27.4
B3 L03 KITCHEN (3Bc)*	1	PASS	28
B3 L03 KITCHEN (3Ba)*	0.4	PASS	27.1
B3 L03 KITCHEN (3Bb)*	0.7	PASS	27.7
B3 L03 LIVING/KITCHEN (2Ba)	0	PASS	27.4
B3 L04 LIVING/KITCHEN (2Ba)	0	PASS	27.3
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.8 TM59 overheating assessment results for all circulation spaces within Block 3, assessed against DSY1 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L02 CORRIDOR a	0	PASS	27.3
B3 L02 CORRIDOR b	0	PASS	26.8
B3 L01 CORRIDOR a	0	PASS	27
B3 L01 CORRIDOR b	0	PASS	26.8
B3 L00 CORRIDOR b	0	PASS	27.1
B3 L00 CORRIDOR a	0	PASS	27
B3 L03 CORRIDOR a	0	PASS	28
B3 L03 CORRIDOR b	0	PASS	26.8
B3 L04 CORRIDOR b	0	PASS	26.8

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L05 CORRIDOR b	0	PASS	26.7
B3 L02 CIRC 32	0	PASS	24.5
B3 L02 CIRC (3B) 23	0	PASS	25.7
B3 L02 CIRC (3B) 24	0	PASS	25.2
B3 L02 CIRC (3B) 25	0	PASS	25.3
B3 L02 CIRC (3B) 26	0	PASS	25.5
B3 L02 CIRC (3B) 27	0	PASS	25.3
B3 L02 CIRC (4B) 28	0	PASS	25.3
B3 L02 CIRC (4B) 29	0	PASS	25.8
B3 L02 STAIR 33	0	PASS	26.4
B3 L02 STAIR 34	0	PASS	25.2
B3 L01 CIRC 35	0	PASS	24.7
B3 L01 CIRC (3B) 30	0	PASS	25.5
B3 L01 CIRC (3B) 31	0	PASS	25.3
B3 L01 CIRC (3B) 32	0	PASS	25.1
B3 L01 STAIR 36	0	PASS	26.1
B3 L01 STAIR 37	0	PASS	25.3
B3 L01 CIRC (3B) 33	0	PASS	25.4
B3 L01 CIRC (2B) 34	0	PASS	25.3
B3 L01 CIRC (2B) 35	0	PASS	25.3
B3 L01 CIRC (2B) 36	0	PASS	25.2
B3 L00 CIRC (3B) 37	0	PASS	25.4
B3 L00 CIRC (3B) 38	0	PASS	25.2
B3 L00 STAIR 38	0	PASS	25.9
B3 L00 STAIR 39	0	PASS	25.4
B3 L00 CIRC (3B) 39	0	PASS	25.2
B3 L00 CIRC (2B) 40	0	PASS	25.2
B3 L00 CIRC (2B) 41	0	PASS	25.2
B3 L00 CIRC (2B) 42	0	PASS	25.1
B3 L00 CORRIDOR 40	0	PASS	25.6
B3 L00 CIRC 41	0	PASS	25.6

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L03 CIRC 42	0	PASS	24.5
B3 L03 CIRC (3B) 43	0	PASS	25.9
B3 L03 CIRC (3B) 44	0	PASS	25.8
B3 L03 CIRC (3B) 45	0	PASS	25.5
B3 L03 STAIR 43	0	PASS	26.6
B3 L03 STAIR 44	0	PASS	25.2
B3 L04 STAIR 45	0	PASS	24.9
B3 L04 CIRC 46	0	PASS	24.2
B3 L05 STAIR 47	0	PASS	24.9
B3 L05 CIRC 48	0	PASS	24.2

D.1.4 Block 4

Table D.9 TM59 overheating assessment results for all bedroom and studio spaces within Block 4, assessed against DSY1 2020

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B4 L04 STUDIO r	0	PASS	0	PASS	PASS	28.2
B4 L04 STUDIO e	0	PASS	1	PASS	PASS	28.5
B4 L04 STUDIO k	0	PASS	0	PASS	PASS	28.3
B4 L04 STUDIO b	0	PASS	0	PASS	PASS	28
B4 L04 STUDIO f	0	PASS	1	PASS	PASS	28.4
B4 L04 STUDIO a	0	PASS	0	PASS	PASS	28.1
B4 L04 STUDIO g	0	PASS	1	PASS	PASS	28.2
B4 L04 STUDIO j	0	PASS	0	PASS	PASS	28.3
B4 L04 STUDIO i	0	PASS	0	PASS	PASS	28.3
B4 L04 STUDIO h	0	PASS	1	PASS	PASS	28.5
B4 L04 STUDIO d	0	PASS	0	PASS	PASS	27.5
B4 L04 STUDIO c	0	PASS	0	PASS	PASS	28
B4 L04 STUDIO	0	PASS	0	PASS	PASS	28.1
B4 L05 STUDIO r	0	PASS	0	PASS	PASS	28.1
B4 L05 STUDIO e	0	PASS	1	PASS	PASS	28.4
B4 L05 STUDIO k	0	PASS	0	PASS	PASS	28.3

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L05 STUDIO b	0	PASS	0	PASS	PASS	28
B4 L05 STUDIO f	0	PASS	1	PASS	PASS	28.2
B4 L05 STUDIO a	0	PASS	0	PASS	PASS	28
B4 L05 STUDIO g	0	PASS	1	PASS	PASS	28.1
B4 L05 STUDIO j	0	PASS	0	PASS	PASS	28.3
B4 L05 STUDIO i	0	PASS	0	PASS	PASS	28.3
B4 L05 STUDIO h	0	PASS	1	PASS	PASS	28.5
B4 L05 STUDIO d	0	PASS	0	PASS	PASS	27.4
B4 L05 STUDIO c	0	PASS	0	PASS	PASS	28
B4 L05 STUDIO	0	PASS	0	PASS	PASS	28.1
B4 L05 STUDIO q	0	PASS	0	PASS	PASS	28
B4 L02 BED (2Bc1)	0	PASS	0	PASS	PASS	27.4
B4 L02 BED (2Bc2)	0	PASS	0	PASS	PASS	27.3
B4 L02 BED (2Bb2)	0	PASS	0	PASS	PASS	27.9
B4 L02 BED (2Bb1)	0	PASS	0	PASS	PASS	27.9
B4 L01 STUDIO r	0	PASS	0	PASS	PASS	28.4
B4 L01 STUDIO q	0	PASS	0	PASS	PASS	28.4
B4 L01 STUDIO e	0.2	PASS	2	PASS	PASS	29
B4 L01 STUDIO p	0	PASS	0	PASS	PASS	28.4
B4 L01 STUDIO k	0.1	PASS	0	PASS	PASS	28.7
B4 L01 STUDIO b	0	PASS	0	PASS	PASS	28.4
B4 L01 STUDIO f	0.2	PASS	1	PASS	PASS	28.9
B4 L01 STUDIO a	0	PASS	0	PASS	PASS	28.4
B4 L01 STUDIO g	0.1	PASS	1	PASS	PASS	28.6
B4 L01 STUDIO j	0.1	PASS	0	PASS	PASS	28.7
B4 L01 STUDIO i	0.1	PASS	0	PASS	PASS	28.7
B4 L01 STUDIO h	0.2	PASS	1	PASS	PASS	29
B4 L01 STUDIO d	0	PASS	0	PASS	PASS	27.9
B4 L01 STUDIO n	0	PASS	0	PASS	PASS	28.3
B4 L01 STUDIO m	0.1	PASS	0	PASS	PASS	28.9
B4 L01 STUDIO o	0	PASS	0	PASS	PASS	28.4

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L01 STUDIO c	0	PASS	0	PASS	PASS	28.4
B4 L01	0	PASS	0	PASS	PASS	28.5
B4 L06 BED (2Bb1)	0	PASS	0	PASS	PASS	27.8
B4 L06 STUDIO a	0	PASS	0	PASS	PASS	28
B4 L06 STUDIO r	0	PASS	0	PASS	PASS	28.2
B4 L00 STUDIO c	0	PASS	0	PASS	PASS	28.4
B4 L00 STUDIO b	0	PASS	0	PASS	PASS	28.4
B4 L00 STUDIO a	0	PASS	0	PASS	PASS	28.4
B4 L03 STUDIO a	0	PASS	0	PASS	PASS	28.1
B4 L03 STUDIO b	0	PASS	0	PASS	PASS	28.1
B4 L03 STUDIO c	0	PASS	0	PASS	PASS	28
B4 L03 STUDIO j	0	PASS	0	PASS	PASS	28.3
B4 L03 STUDIO	0	PASS	0	PASS	PASS	28.1
B4 L03 STUDIO n	0	PASS	0	PASS	PASS	27.9
B4 L03 BED (3Bc1)	0	PASS	0	PASS	PASS	27.7
B4 L03 STUDIO o	0	PASS	0	PASS	PASS	28
B4 L03 BED (3Ba2)	0.3	PASS	0	PASS	PASS	29.3
B4 L03 BED (3Ba3)	0.3	PASS	0	PASS	PASS	29.2
B4 L03 BED (2Ba2)	0	PASS	0	PASS	PASS	27.8
B4 L03 STUDIO e	0	PASS	1	PASS	PASS	28.6
B4 L03 STUDIO g	0	PASS	1	PASS	PASS	28.2
B4 L03 STUDIO h	0	PASS	1	PASS	PASS	28.5
B4 L03 STUDIO d	0	PASS	0	PASS	PASS	27.5
B4 L05 BED (2Ba1)	0	PASS	0	PASS	PASS	27.7
B4 L04 STUDIO q	0	PASS	0	PASS	PASS	28.1
B4 L04 BED (2Bb2)	0	PASS	0	PASS	PASS	27.9
B4 L04 BED (2Bb1)	0	PASS	0	PASS	PASS	28
B4 L04 BED (2Ba2)	0	PASS	0	PASS	PASS	27.8
B4 L04 BED (2Ba1)	0	PASS	0	PASS	PASS	27.8
B4 L02 BED (3Bc1)	0	PASS	0	PASS	PASS	27.7
B4 L02 STUDIO i	0	PASS	0	PASS	PASS	28.3

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L02 STUDIO h	0	PASS	1	PASS	PASS	28.5
B4 L02 STUDIO d	0	PASS	0	PASS	PASS	27.5
B4 L02 STUDIO n	0	PASS	0	PASS	PASS	28
B4 L02 STUDIO m	0	PASS	0	PASS	PASS	28.4
B4 L02 STUDIO o	0	PASS	0	PASS	PASS	28.1
B4 L01 BED (2Bb2)	0	PASS	0	PASS	PASS	27.8
B4 L01 BED (2Bb1)	0	PASS	0	PASS	PASS	27.9
B4 L01 BED (2Ba2)	0	PASS	0	PASS	PASS	28.1
B4 L01 BED (2Ba1)	0	PASS	0	PASS	PASS	28
B4 L01 BED (3Ba1)	0.2	PASS	1	PASS	PASS	29
B4 L01 BED (3Ba2)	0.5	PASS	1	PASS	PASS	29.7
B4 L06 STUDIO c	0	PASS	0	PASS	PASS	28.1
B4 L06 STUDIO	0	PASS	1	PASS	PASS	28.2
B4 L07 STUDIO j	0	PASS	1	PASS	PASS	28.6
B4 L07 STUDIO i	0	PASS	1	PASS	PASS	28.6
B4 L07 STUDIO h	0	PASS	1	PASS	PASS	28.6
B4 L07 STUDIO d	0	PASS	0	PASS	PASS	27.5
B4 L07 STUDIO c	0	PASS	0	PASS	PASS	28.1
B4 L07 STUDIO	0	PASS	1	PASS	PASS	28.3
B4 L08 STUDIO r	0	PASS	0	PASS	PASS	28.1
B4 L08 STUDIO k	0	PASS	1	PASS	PASS	28.5
B4 L08 STUDIO b	0	PASS	0	PASS	PASS	28
B4 L08 STUDIO g	0	PASS	1	PASS	PASS	28.1
B4 L08 STUDIO j	0	PASS	1	PASS	PASS	28.5
B4 L08 STUDIO a	0	PASS	0	PASS	PASS	28
B4 L00 BED (2Ba1)	0	PASS	0	PASS	PASS	28
B4 L00 BED (2Ba2)	0	PASS	0	PASS	PASS	28.1
B4 L00 STUDIO f	0.1	PASS	1	PASS	PASS	28.8
B4 L00 STUDIO g	0	PASS	1	PASS	PASS	28.6
B4 L00 STUDIO h	0.1	PASS	1	PASS	PASS	28.9
B4 L00 STUDIO i	0.1	PASS	0	PASS	PASS	28.6

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L00 STUDIO j	0	PASS	0	PASS	PASS	28.3
B4 L05 BED (2Bb2)	0	PASS	0	PASS	PASS	27.9
B4 L07 BED (2Bb2)	0	PASS	0	PASS	PASS	27.7
B4 L06 BED (2Bb2)	0	PASS	0	PASS	PASS	27.8
B4 L07 BED (2Bb1)	0	PASS	0	PASS	PASS	27.8
B4 L03 STUDIO f	0	PASS	1	PASS	PASS	28.4
B4 L03 BED (2Bb1)	0	PASS	0	PASS	PASS	27.9
B4 L03 BED (2Bb2)	0	PASS	0	PASS	PASS	27.9
B4 L03 STUDIO p	0	PASS	0	PASS	PASS	28
B4 L05 BED (2Bb1)	0	PASS	0	PASS	PASS	27.9
B4 L03 BED (3Bc3)	0	PASS	0	PASS	PASS	27.5
B4 L03 BED (3Bc2)	0	PASS	0	PASS	PASS	27.8
B4 L03 BED (2Bc1)	0	PASS	0	PASS	PASS	27.4
B4 L03 BED (2Bc2)	0	PASS	0	PASS	PASS	27.2
B4 L03 STUDIO q	0	PASS	0	PASS	PASS	28.1
B4 L03 STUDIO r	0	PASS	0	PASS	PASS	28.1
B4 L03 BED (3Ba1)	0.1	PASS	0	PASS	PASS	28.5
B4 L03 STUDIO m	0	PASS	0	PASS	PASS	28.3
B4 L05 BED (2Ba2)	0	PASS	0	PASS	PASS	27.7
B4 L03 BED (3Bb1)	0.3	PASS	0	PASS	PASS	29.1
B4 L03 BED (3Bb2)	0.3	PASS	0	PASS	PASS	29.3
B4 L03 BED (3Bb3)	0	PASS	0	PASS	PASS	28.4
B4 L03 BED (2Ba1)	0	PASS	0	PASS	PASS	27.8
B4 L03 STUDIO i	0	PASS	0	PASS	PASS	28.3
B4 L03 STUDIO k	0	PASS	0	PASS	PASS	28.3
B4 L02 BED (2Ba2)	0	PASS	0	PASS	PASS	27.8
B4 L02 BED (2Ba1)	0	PASS	0	PASS	PASS	27.8
B4 L02 BED (3Ba1)	0.1	PASS	0	PASS	PASS	28.6
B4 L02 BED (3Ba2)	0.4	PASS	1	PASS	PASS	29.3
B4 L02 BED (3Bb2)	0.3	PASS	1	PASS	PASS	29.4
B4 L02 BED (3Bb3)	0.1	PASS	0	PASS	PASS	28.5

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L02 BED (3Ba3)	0.3	PASS	1	PASS	PASS	29.3
B4 L02 BED (3Bb1)	0.3	PASS	1	PASS	PASS	29.2
B4 L02 BED (3Bc3)	0	PASS	0	PASS	PASS	27.5
B4 L02 BED (3Bc2)	0	PASS	0	PASS	PASS	27.8
B4 L02 STUDIO r	0	PASS	0	PASS	PASS	28.1
B4 L02 STUDIO q	0	PASS	0	PASS	PASS	28
B4 L02 STUDIO e	0	PASS	1	PASS	PASS	28.6
B4 L02 STUDIO p	0	PASS	0	PASS	PASS	28.1
B4 L02 STUDIO k	0	PASS	0	PASS	PASS	28.3
B4 L02 STUDIO b	0	PASS	0	PASS	PASS	28.1
B4 L02 STUDIO f	0	PASS	1	PASS	PASS	28.4
B4 L02 STUDIO a	0	PASS	0	PASS	PASS	28.1
B4 L02 STUDIO g	0	PASS	1	PASS	PASS	28.2
B4 L02 STUDIO j	0	PASS	0	PASS	PASS	28.3
B4 L02 STUDIO c	0	PASS	0	PASS	PASS	28.1
B4 L02 Studio	0	PASS	0	PASS	PASS	28.1
B4 L01 BED (2Bc1)	0	PASS	0	PASS	PASS	27.7
B4 L01 BED (2Bc2)	0	PASS	0	PASS	PASS	27.6
B4 L01 BED (3Bb2)	0.5	PASS	1	PASS	PASS	29.7
B4 L01 BED (3Bb3)	0.2	PASS	1	PASS	PASS	28.9
B4 L01 BED (3Ba3)	0.5	PASS	1	PASS	PASS	29.7
B4 L01 BED (3Bb1)	0.5	PASS	1	PASS	PASS	29.6
B4 L01 BED (3Bc3)	0	PASS	0	PASS	PASS	27.8
B4 L01 BED (3Bc2)	0	PASS	0	PASS	PASS	28.1
B4 L01 BED (3Bc1)	0	PASS	1	PASS	PASS	28
B4 L06 STUDIO k	0	PASS	1	PASS	PASS	28.5
B4 L06 STUDIO b	0	PASS	0	PASS	PASS	28.1
B4 L06 STUDIO g	0	PASS	1	PASS	PASS	28.2
B4 L06 STUDIO j	0	PASS	1	PASS	PASS	28.5
B4 L06 STUDIO i	0	PASS	1	PASS	PASS	28.5
B4 L06 STUDIO h	0	PASS	1	PASS	PASS	28.6

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L06 STUDIO d	0	PASS	0	PASS	PASS	27.5
B4 L06 STUDIO q	0	PASS	0	PASS	PASS	28.1
B4 L07 STUDIO r	0	PASS	0	PASS	PASS	28.2
B4 L07 STUDIO k	0	PASS	1	PASS	PASS	28.6
B4 L07 STUDIO b	0	PASS	0	PASS	PASS	28.1
B4 L07 STUDIO g	0	PASS	1	PASS	PASS	28.2
B4 L07 STUDIO q	0	PASS	0	PASS	PASS	28.1
B4 L07 STUDIO a	0	PASS	0	PASS	PASS	28
B4 L08 BED (2Bb2)	0	PASS	0	PASS	PASS	27.6
B4 L08 BED (2Bb1)	0	PASS	0	PASS	PASS	27.7
B4 L08 STUDIO i	0	PASS	1	PASS	PASS	28.5
B4 L08 STUDIO h	0	PASS	1	PASS	PASS	28.5
B4 L08 STUDIO d	0	PASS	0	PASS	PASS	27.5
B4 L08 STUDIO c	0	PASS	0	PASS	PASS	28
B4 L08 STUDIO	0	PASS	1	PASS	PASS	28.2
B4 L08 STUDIO q	0	PASS	0	PASS	PASS	28
B4 L00 STUDIO d	0	PASS	0	PASS	PASS	28.2
B4 L00 STUDIO e	0.1	PASS	1	PASS	PASS	28.9
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.10TM59 overheating assessment results for all living/kitchen spaces within Block 4, assessed against DSY1 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (°C)
B4 L00 LIVING/KITCHEN (2Ba)	0.6	PASS	29.4
B4 L01 KITCHEN (3Ba)	0.3	PASS	29.1
B4 L01 KITCHEN (3Bb)	0.2	PASS	29.1
B4 L01 KITCHEN (2Bc)	0.1	PASS	28.7
B4 L01 LIVING/KITCHEN (2Ba)	0.8	PASS	29.5
B4 L01 LIVING/KITCHEN (2Bb)	0	PASS	28
B4 L01 LIVING/KITCHEN (3Bc)	0.7	PASS	29.3
B4 L02 KITCHEN (3Ba)	0.1	PASS	28.6
B4 L02 KITCHEN (3Bb)	0.1	PASS	28.6
B4 L02 KITCHEN (2Bc)	0	PASS	28.2

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B4 L02 LIVING/KITCHEN (2Ba)	0.4	PASS	29.1
B4 L02 LIVING/KITCHEN (2Bb)	0	PASS	27.9
B4 L02 LIVING/KITCHEN (3Bc)	0.4	PASS	29
B4 L03 KITCHEN (3Ba)	0.1	PASS	28.5
B4 L03 KITCHEN (3Bb)	0.1	PASS	28.5
B4 L03 KITCHEN (2Bc)	0	PASS	28.2
B4 L03 LIVING/KITCHEN (2Ba)	0.4	PASS	29.1
B4 L03 LIVING/KITCHEN (2Bb)	0	PASS	27.9
B4 L03 LIVING/KITCHEN (3Bc)	0.4	PASS	28.9
B4 L04 LIVING/KITCHEN (2Ba)	0.4	PASS	29
B4 L04 LIVING/KITCHEN (2Bb)	0	PASS	28
B4 L05 LIVING/KITCHEN (2Ba)	0.3	PASS	28.8
B4 L05 LIVING/KITCHEN (2Bb)	0	PASS	27.9
B4 L06 LIVING/KITCHEN (2Bb)	0	PASS	28
B4 L07 LIVING/KITCHEN (2Bb)	0	PASS	28
B4 L08 LIVING/KITCHEN (2Bb)	0	PASS	27.9
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.11TM59 overheating assessment results for all circulation spaces within Block 4, assessed against DSY1 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B4 L00 CIRC	0	PASS	27.8
B4 L00 CORRIDOR a	0	PASS	28
B4 L00 RECEPTION	0	PASS	26.3
B4 L01 CORRIDOR a	0.1	PASS	28.3
B4 L02 CORRIDOR a	0	PASS	27.9
B4 L02 CORRIDOR b	0	PASS	27.9
B4 L03 CORRIDOR a	0	PASS	27.8
B4 L03 CORRIDOR b	0	PASS	27.9
B4 L04 CORRIDOR a	0	PASS	27.8
B4 L04 CORRIDOR b	0	PASS	27.7
B4 L05 CORRIDOR a	0	PASS	27.6
B4 L05 CORRIDOR b	0	PASS	27.5

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B4 L06 CORRIDOR a	0	PASS	27.7
B4 L06 CORRIDOR b	0	PASS	27.7
B4 L07 CORRIDOR a	0	PASS	27.8
B4 L07 CORRIDOR b	0	PASS	27.7
B4 L08 CORRIDOR a	0	PASS	27.7
B4 L08 CORRIDOR b	0	PASS	27.6
B4 L01 CORRIDOR b	0.1	PASS	28.3

D.1.5 Block 5+

Table D.12TM59 overheating assessment results for all bedroom and studio spaces within Block 5+, assessed against DSY1 2020

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L03 STUDIO ap	0.1	PASS	2	PASS	PASS	28.8
B5 L03 STUDIO ao	0.1	PASS	2	PASS	PASS	28.9
B5 L03 STUDIO an	0.1	PASS	2	PASS	PASS	28.7
B5 L03 BED (2Bc1)	0	PASS	1	PASS	PASS	28.3
B5 L02 BED (2Bc2)	0	PASS	3	PASS	PASS	27.7
B5 L02 BED (2Bc1)	0	PASS	1	PASS	PASS	28.3
B5 L02 BED (2Bb1)	0	PASS	0	PASS	PASS	27.6
B5 L02 BED (3Ba3)	0	PASS	1	PASS	PASS	28.1
B5 L02 BED (3Ba1)	0	PASS	1	PASS	PASS	28.2
B5 L02 BED (3Ba2)	0	PASS	0	PASS	PASS	28.1
B5 L02 BED (4Ba1)	0	PASS	0	PASS	PASS	28.4
B5 L02 BED (2Ba1)	0	PASS	0	PASS	PASS	27.8
B5 L02 BED (4Ba3)	0	PASS	0	PASS	PASS	28.2
B5 L02 BED (4Ba4)	0	PASS	0	PASS	PASS	28.1
B5 L02 BED (2Ba2)	0	PASS	0	PASS	PASS	28.3
B5 L02 BED (4Ba2)	0	PASS	0	PASS	PASS	28.4
B5 L01 STUDIO ad	1	PASS	3	PASS	PASS	30.5
B5 L01 STUDIO l	0.1	PASS	1	PASS	PASS	28.8
B5 L01 STUDIO o	0.1	PASS	1	PASS	PASS	28.9
B5 L01 STUDIO ag	0.9	PASS	2	PASS	PASS	30.5
B5 L01 STUDIO ac	0.9	PASS	3	PASS	PASS	30.3

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L01 STUDIO ah	1	PASS	2	PASS	PASS	30.7
B5 L01 STUDIO j	0.1	PASS	1	PASS	PASS	28.8
B5 L01 STUDIO ae	1	PASS	3	PASS	PASS	30.5
B5 L01 STUDIO i	0.1	PASS	1	PASS	PASS	28.8
B5 L01 STUDIO aj	1	PASS	2	PASS	PASS	30.7
B5 L01 STUDIO n	0	PASS	1	PASS	PASS	28.2
B5 L01 STUDIO ak	0.9	PASS	2	PASS	PASS	30.6
B5 L01 STUDIO g	0.1	PASS	1	PASS	PASS	28.8
B5 L01 STUDIO m	0.1	PASS	1	PASS	PASS	28.7
B5 L01 STUDIO d	0.1	PASS	1	PASS	PASS	28.8
B5 L01 STUDIO am	0.2	PASS	1	PASS	PASS	29.5
B5 L01 STUDIO b	0.1	PASS	1	PASS	PASS	28.7
B5 L01 STUDIO c	0.1	PASS	1	PASS	PASS	28.7
B5 L01 STUDIO ai	0.9	PASS	2	PASS	PASS	30.6
B5 L01 STUDIO a	0	PASS	1	PASS	PASS	28.6
B5 L01 STUDIO f	0.1	PASS	3	PASS	PASS	28.7
B5 L01 STUDIO aw	0.1	PASS	2	PASS	PASS	28.8
B5 L01 STUDIO ax	0	PASS	0	PASS	PASS	28.4
B5 L01 STUDIO e	0	PASS	0	PASS	PASS	28.4
B5 L01 STUDIO au	0.1	PASS	1	PASS	PASS	28.9
B5 L01 STUDIO aa	0.2	PASS	3	PASS	PASS	29
B5 L01 STUDIO at	0.1	PASS	1	PASS	PASS	28.8
B5 L01 STUDIO p	0.1	PASS	0	PASS	PASS	28.5
B5 L01 STUDIO af	0.9	PASS	3	PASS	PASS	30.3
B5 L01 STUDIO k	0.1	PASS	1	PASS	PASS	28.8
B5 L01 STUDIO ar	0.2	PASS	1	PASS	PASS	29.1
B5 L01 STUDIO ab	0.6	PASS	3	PASS	PASS	29.9
B5 L01 STUDIO aq	0.2	PASS	1	PASS	PASS	29.1
B5 L01 STUDIO ao	0.3	PASS	3	PASS	PASS	29.3
B5 L01 STUDIO ap	0.3	PASS	3	PASS	PASS	29.2
B5 L01 STUDIO h	0.1	PASS	1	PASS	PASS	28.9

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L01 STUDIO an	0.3	PASS	3	PASS	PASS	29.2
B5 L01 STUDIO al	0.8	PASS	2	PASS	PASS	30.5
B5 L01 STUDIO	0.2	PASS	1	PASS	PASS	29.1
B5 L01 STUDIO av	0.1	PASS	0	PASS	PASS	28.7
B5 L04 BED (2Bb2)	0	PASS	0	PASS	PASS	27.7
B5 L04 BED (2Bc2)	0	PASS	3	PASS	PASS	27.7
B5 L04 BED (2Bc1)	0	PASS	1	PASS	PASS	28.3
B5 L04 BED (2Bb1)	0	PASS	0	PASS	PASS	27.7
B5 L04 BED (3Ba3)	0	PASS	1	PASS	PASS	28.2
B5 L04 BED (3Ba1)	0	PASS	1	PASS	PASS	28.4
B5 L04 BED (3Ba2)	0	PASS	1	PASS	PASS	28.3
B5 L04 BED (4Ba1)	0.2	PASS	0	PASS	PASS	29
B5 L05 BED (2Bc2)	0	PASS	3	PASS	PASS	27.8
B5 L04 BED (4Ba3)	0.1	PASS	0	PASS	PASS	28.8
B5 L04 BED (4Ba4)	0	PASS	1	PASS	PASS	28.7
B5 L05 BED (2Bc1)	0	PASS	1	PASS	PASS	28.3
B5 L05 BED (2Bb1)	0	PASS	0	PASS	PASS	27.7
B5 L04 BED (4Ba2)	0.2	PASS	0	PASS	PASS	29
B5 L05 BED (3Ba3)	0	PASS	1	PASS	PASS	28.2
B5 L05 BED (3Ba1)	0	PASS	1	PASS	PASS	28.4
B5 L05 BED (3Ba2)	0	PASS	1	PASS	PASS	28.3
B5 L05 BED (4Ba1)	0.2	PASS	0	PASS	PASS	29
B5 L05 BED (4Ba3)	0.2	PASS	0	PASS	PASS	28.8
B5 L05 BED (4Ba4)	0.1	PASS	1	PASS	PASS	28.7
B5 L05 BED (4Ba2)	0.2	PASS	0	PASS	PASS	29.1
B5 L05 STUDIO ak	0.5	PASS	1	PASS	PASS	30.1
B5 L05 STUDIO m	0	PASS	1	PASS	PASS	28.3
B5 L05 STUDIO am	0.3	PASS	1	PASS	PASS	29.6
B5 L05 STUDIO ai	0.5	PASS	1	PASS	PASS	30.1
B5 L05 STUDIO aw	0	PASS	1	PASS	PASS	28.5
B5 L05 STUDIO ax	0	PASS	0	PASS	PASS	28.1

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L05 STUDIO au	0	PASS	1	PASS	PASS	28.5
B5 L05 STUDIO aa	0.3	PASS	2	PASS	PASS	29.1
B5 L05 STUDIO at	0	PASS	1	PASS	PASS	28.4
B5 L05 STUDIO p	0	PASS	0	PASS	PASS	28.2
B5 L05 STUDIO af	0.6	PASS	3	PASS	PASS	29.8
B5 L05 STUDIO ar	0.1	PASS	1	PASS	PASS	28.7
B5 L05 STUDIO ab	0.7	PASS	3	PASS	PASS	30.1
B5 L05 STUDIO aq	0.1	PASS	1	PASS	PASS	28.7
B5 L05 STUDIO ao	0.1	PASS	2	PASS	PASS	28.8
B5 L05 STUDIO ap	0.1	PASS	2	PASS	PASS	28.7
B5 L05 STUDIO an	0.1	PASS	2	PASS	PASS	28.7
B5 L05 STUDIO al	0.5	PASS	1	PASS	PASS	30.1
B5 L05 STUDIO	0.1	PASS	1	PASS	PASS	28.7
B5 L05 STUDIO av	0	PASS	0	PASS	PASS	28.3
B5 L06 BED (2Bb2)	0	PASS	0	PASS	PASS	27.7
B5 L06 BED (2Bc2)	0	PASS	2	PASS	PASS	27.7
B5 L06 BED (2Bc1)	0	PASS	0	PASS	PASS	28.2
B5 L06 BED (2Bb1)	0	PASS	0	PASS	PASS	27.7
B5 L06 BED (3Ba3)	0	PASS	1	PASS	PASS	28.2
B5 L06 BED (3Ba1)	0	PASS	1	PASS	PASS	28.4
B5 L06 BED (3Ba2)	0	PASS	1	PASS	PASS	28.3
B5 L06 BED (4Ba1)	0.4	PASS	0	PASS	PASS	29.4
B5 L06 BED (4Ba3)	0.4	PASS	1	PASS	PASS	29.3
B5 L06 BED (4Ba4)	0.4	PASS	1	PASS	PASS	29.2
B5 L06 BED (4Ba2)	0.4	PASS	1	PASS	PASS	29.5
B5 L07 STUDIO o	0	PASS	1	PASS	PASS	28.6
B5 L07 STUDIO n	0	PASS	1	PASS	PASS	28
B5 L07 STUDIO m	0	PASS	1	PASS	PASS	28.3
B5 L07 STUDIO p	0	PASS	0	PASS	PASS	28.3
B5 L08 BED (2Bb2)	0	PASS	0	PASS	PASS	27.7
B5 L08 BED (2Bb1)	0	PASS	0	PASS	PASS	27.8

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L08 BED (3Ba3)	0	PASS	1	PASS	PASS	28.2
B5 L08 BED (3Ba1)	0	PASS	1	PASS	PASS	28.4
B5 L08 BED (3Ba2)	0	PASS	1	PASS	PASS	28.3
B5 L08 BED (4Ba1)	0.5	PASS	1	PASS	PASS	29.7
B5 L08 BED (4Ba3)	0.5	PASS	1	PASS	PASS	29.6
B5 L08 BED (4Ba4)	0.5	PASS	2	PASS	PASS	29.5
B5 L08 BED (4Ba2)	0.5	PASS	1	PASS	PASS	29.8
B5 L08 STUDIO o	0	PASS	1	PASS	PASS	28.6
B5 L08 STUDIO n	0	PASS	1	PASS	PASS	28
B5 L08 STUDIO m	0	PASS	1	PASS	PASS	28.3
B5 L08 STUDIO p	0	PASS	0	PASS	PASS	28.3
B5 L09 BED (2Bb2)	0	PASS	0	PASS	PASS	27.7
B5 L09 BED (2Bb1)	0	PASS	0	PASS	PASS	27.8
B5 L09 BED (3Ba3)	0	PASS	1	PASS	PASS	28.2
B5 L09 BED (3Ba1)	0	PASS	1	PASS	PASS	28.4
B5 L09 BED (3Ba2)	0	PASS	1	PASS	PASS	28.3
B5 L09 BED (4Ba1)	0.5	PASS	1	PASS	PASS	29.7
B5 L09 BED (4Ba3)	0.5	PASS	1	PASS	PASS	29.6
B5 L09 BED (4Ba4)	0.5	PASS	2	PASS	PASS	29.5
B5 L09 BED (4Ba2)	0.5	PASS	1	PASS	PASS	29.8
B5 L09 STUDIO o	0	PASS	1	PASS	PASS	28.6
B5 L09 STUDIO n	0	PASS	1	PASS	PASS	28
B5 L09 STUDIO m	0	PASS	1	PASS	PASS	28.3
B5 L09 STUDIO p	0	PASS	0	PASS	PASS	28.3
B5 L05 BED (2Bb2)	0	PASS	0	PASS	PASS	27.7
B5 L11 BED (2Bb2)	0	PASS	0	PASS	PASS	27.6
B5 L11 BED (2Bb1)	0	PASS	0	PASS	PASS	27.7
B5 L03 STUDIO l	0	PASS	1	PASS	PASS	28.5
B5 L03 STUDIO n	0	PASS	1	PASS	PASS	27.9
B5 L03 STUDIO ab	0.6	PASS	3	PASS	PASS	29.7
B5 L03 STUDIO ac	0.8	PASS	3	PASS	PASS	30.1

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L03 STUDIO al	0.5	PASS	1	PASS	PASS	30.1
B5 L03 STUDIO am	0.3	PASS	1	PASS	PASS	29.6
B5 L03 BED (2Ba1)	0	PASS	0	PASS	PASS	27.7
B5 L03 STUDIO g	0	PASS	1	PASS	PASS	28.3
B5 L03 STUDIO i	0	PASS	1	PASS	PASS	28.4
B5 L03 BED (3Ba1)	0	PASS	1	PASS	PASS	28.4
B5 L03 BED (3Ba2)	0	PASS	1	PASS	PASS	28.3
B5 L03 BED (3Ba3)	0	PASS	1	PASS	PASS	28.2
B5 L03 BED (2Bb1)	0	PASS	0	PASS	PASS	27.7
B5 L03 STUDIO av	0	PASS	0	PASS	PASS	28.4
B5 L03 STUDIO at	0	PASS	1	PASS	PASS	28.4
B5 L03 STUDIO	0.1	PASS	1	PASS	PASS	28.7
B5 L03 STUDIO aw	0	PASS	2	PASS	PASS	28.4
B5 L03 STUDIO ar	0.1	PASS	1	PASS	PASS	28.7
B5 L03 STUDIO aq	0.1	PASS	1	PASS	PASS	28.7
B5 L02 STUDIO o	0	PASS	1	PASS	PASS	28.5
B5 L02 STUDIO ag	0.5	PASS	2	PASS	PASS	30
B5 L02 STUDIO ac	0.8	PASS	3	PASS	PASS	29.9
B5 L02 STUDIO ah	0.6	PASS	2	PASS	PASS	30.1
B5 L02 STUDIO j	0	PASS	1	PASS	PASS	28.4
B5 L02 STUDIO ae	0.8	PASS	3	PASS	PASS	30.2
B5 L02 STUDIO ai	0.5	PASS	2	PASS	PASS	30.1
B5 L02 STUDIO a	0	PASS	1	PASS	PASS	28.2
B5 L02 STUDIO f	0	PASS	2	PASS	PASS	28.3
B5 L02 STUDIO aw	0	PASS	1	PASS	PASS	28.4
B5 L02 STUDIO ax	0	PASS	0	PASS	PASS	28.1
B5 L02 STUDIO e	0	PASS	0	PASS	PASS	28.1
B5 L02 STUDIO ap	0.1	PASS	2	PASS	PASS	28.8
B5 L02 STUDIO h	0	PASS	1	PASS	PASS	28.5
B5 L02 STUDIO an	0.1	PASS	2	PASS	PASS	28.7
B5 L02 STUDIO al	0.5	PASS	1	PASS	PASS	30.1

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L02 STUDIO	0.1	PASS	1	PASS	PASS	28.7
B5 L02 STUDIO av	0	PASS	0	PASS	PASS	28.3
B5 L01 BED (3Ba3)	0	PASS	1	PASS	PASS	28.4
B5 L01 BED (3Ba1)	0	PASS	1	PASS	PASS	28.5
B5 L01 BED (3Ba2)	0	PASS	1	PASS	PASS	28.4
B5 L01 BED (4Ba1)	0.1	PASS	0	PASS	PASS	28.8
B5 L01 BED (2Ba1)	0	PASS	1	PASS	PASS	28.2
B5 L01 BED (4Ba3)	0	PASS	0	PASS	PASS	28.6
B5 L04 STUDIO ad	0.9	PASS	3	PASS	PASS	30.4
B5 L04 STUDIO ak	0.6	PASS	1	PASS	PASS	30.1
B5 L04 STUDIO m	0	PASS	1	PASS	PASS	28.3
B5 L04 STUDIO am	0.3	PASS	1	PASS	PASS	29.6
B5 L04 STUDIO p	0	PASS	0	PASS	PASS	28.2
B5 L04 STUDIO af	0.6	PASS	3	PASS	PASS	29.8
B5 L04 STUDIO ar	0.1	PASS	1	PASS	PASS	28.7
B5 L04 STUDIO ab	0.8	PASS	3	PASS	PASS	30.1
B5 L04 STUDIO aq	0.1	PASS	1	PASS	PASS	28.7
B5 L05 STUDIO ag	0.5	PASS	1	PASS	PASS	30
B5 L05 STUDIO ac	0.9	PASS	3	PASS	PASS	30.4
B5 L05 STUDIO ah	0.6	PASS	2	PASS	PASS	30.1
B5 L05 STUDIO ae	0.8	PASS	3	PASS	PASS	30.2
B5 L05 STUDIO aj	0.6	PASS	1	PASS	PASS	30.1
B5 L05 STUDIO n	0	PASS	1	PASS	PASS	28
B5 L06 STUDIO ae	0.7	PASS	3	PASS	PASS	30
B5 L06 STUDIO aj	0.5	PASS	1	PASS	PASS	30
B5 L06 STUDIO n	0	PASS	1	PASS	PASS	28
B5 L06 STUDIO ak	0.5	PASS	1	PASS	PASS	30
B5 L06 STUDIO m	0	PASS	1	PASS	PASS	28.3
B5 L06 STUDIO am	0.2	PASS	1	PASS	PASS	29.5
B5 L06 STUDIO aq	0	PASS	1	PASS	PASS	28.6
B5 L06 STUDIO ao	0.1	PASS	2	PASS	PASS	28.7

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L06 STUDIO ap	0.1	PASS	2	PASS	PASS	28.6
B5 L06 STUDIO an	0.1	PASS	1	PASS	PASS	28.6
B5 L06 STUDIO al	0.5	PASS	1	PASS	PASS	29.9
B5 L06 STUDIO	0	PASS	1	PASS	PASS	28.6
B5 L10 BED (3Ba1)	0	PASS	1	PASS	PASS	28.4
B5 L10 BED (3Ba2)	0	PASS	1	PASS	PASS	28.3
B5 L10 BED (4Ba1)	0.5	PASS	1	PASS	PASS	29.7
B5 L10 BED (4Ba3)	0.5	PASS	1	PASS	PASS	29.6
B5 L10 BED (4Ba4)	0.5	PASS	2	PASS	PASS	29.5
B5 L10 BED (4Ba2)	0.5	PASS	1	PASS	PASS	29.8
B5 L11 BED (4Ba4)	0.4	PASS	1	PASS	PASS	29.4
B5 L11 BED (4Ba2)	0.5	PASS	1	PASS	PASS	29.7
B5 L10 STUDIO m	0	PASS	1	PASS	PASS	28.3
B5 L07 BED (2Bb1)	0	PASS	0	PASS	PASS	27.8
B5 L07 BED (3Ba3)	0	PASS	1	PASS	PASS	28.2
B5 L07 BED (3Ba1)	0	PASS	1	PASS	PASS	28.4
B5 L07 BED (3Ba2)	0	PASS	1	PASS	PASS	28.3
B5 L07 BED (4Ba1)	0.5	PASS	1	PASS	PASS	29.5
B5 L00 STUDIO aj	0.8	PASS	2	PASS	PASS	30.6
B5 L00 STUDIO ak	0.8	PASS	2	PASS	PASS	30.5
B5 L00 STUDIO ai	0.8	PASS	2	PASS	PASS	30.5
B5 L00 STUDIO aw	0.1	PASS	2	PASS	PASS	28.7
B5 L00 STUDIO ax	0	PASS	0	PASS	PASS	28.2
B5 L00 STUDIO al	0.6	PASS	3	PASS	PASS	30.2
B5 L00 STUDIO av	0.1	PASS	0	PASS	PASS	28.6
B5 L00 STUDIO ab	0.4	PASS	3	PASS	PASS	29.4
B5 L00 BED (2Ba1)	0	PASS	0	PASS	PASS	27.7
B5 L00 STUDIO b	0	PASS	0	PASS	PASS	27.6
B5 L00 STUDIO a	0	PASS	0	PASS	PASS	27.8
B5 L00 STUDIO e	0	PASS	0	PASS	PASS	27.7
B5 L00 BED (2Bc2)	0	PASS	3	PASS	PASS	28.1

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L02 BED (2Bb2)	0	PASS	0	PASS	PASS	27.5
B5 L03 STUDIO e	0	PASS	0	PASS	PASS	28.1
B5 L03 STUDIO d	0	PASS	1	PASS	PASS	28.3
B5 L03 STUDIO o	0	PASS	1	PASS	PASS	28.6
B5 L03 BED (2Bc2)	0	PASS	3	PASS	PASS	27.7
B5 L03 STUDIO aa	0.1	PASS	2	PASS	PASS	28.7
B5 L03 BED (4Ba4)	0	PASS	0	PASS	PASS	28.2
B5 L03 STUDIO h	0	PASS	1	PASS	PASS	28.4
B5 L03 STUDIO j	0	PASS	1	PASS	PASS	28.4
B5 L03 STUDIO k	0	PASS	1	PASS	PASS	28.4
B5 L03 STUDIO ad	0.9	PASS	3	PASS	PASS	30.3
B5 L03 STUDIO ae	0.8	PASS	3	PASS	PASS	30.2
B5 L03 STUDIO af	0.6	PASS	3	PASS	PASS	29.8
B5 L03 STUDIO ag	0.5	PASS	1	PASS	PASS	30
B5 L03 STUDIO ah	0.6	PASS	2	PASS	PASS	30.1
B5 L03 STUDIO ai	0.5	PASS	2	PASS	PASS	30.1
B5 L03 STUDIO aj	0.6	PASS	2	PASS	PASS	30.2
B5 L03 STUDIO ak	0.6	PASS	1	PASS	PASS	30.1
B5 L03 BED (2Ba2)	0	PASS	0	PASS	PASS	28.2
B5 L03 STUDIO f	0	PASS	2	PASS	PASS	28.3
B5 L03 STUDIO a	0	PASS	1	PASS	PASS	28.1
B5 L03 STUDIO c	0	PASS	1	PASS	PASS	28.2
B5 L03 STUDIO b	0	PASS	1	PASS	PASS	28.2
B5 L03 STUDIO m	0	PASS	1	PASS	PASS	28.4
B5 L03 BED (4Ba1)	0	PASS	0	PASS	PASS	28.4
B5 L03 BED (4Ba3)	0	PASS	0	PASS	PASS	28.3
B5 L03 BED (4Ba2)	0	PASS	0	PASS	PASS	28.5
B5 L03 BED (2Bb2)	0	PASS	0	PASS	PASS	27.6
B5 L03 STUDIO p	0	PASS	0	PASS	PASS	28.2
B5 L03 STUDIO au	0	PASS	1	PASS	PASS	28.5
B5 L03 STUDIO ax	0	PASS	0	PASS	PASS	28.1

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L02 STUDIO ad	0.8	PASS	3	PASS	PASS	30.1
B5 L02 STUDIO l	0	PASS	1	PASS	PASS	28.5
B5 L02 STUDIO i	0	PASS	1	PASS	PASS	28.4
B5 L02 STUDIO aj	0.6	PASS	2	PASS	PASS	30.2
B5 L02 STUDIO n	0	PASS	0	PASS	PASS	27.8
B5 L02 STUDIO ak	0.6	PASS	2	PASS	PASS	30.1
B5 L02 STUDIO g	0	PASS	1	PASS	PASS	28.4
B5 L02 STUDIO m	0	PASS	1	PASS	PASS	28.4
B5 L02 STUDIO d	0	PASS	1	PASS	PASS	28.3
B5 L02 STUDIO am	0.3	PASS	1	PASS	PASS	29.6
B5 L02 STUDIO b	0	PASS	1	PASS	PASS	28.3
B5 L02 STUDIO c	0	PASS	1	PASS	PASS	28.3
B5 L02 STUDIO au	0	PASS	1	PASS	PASS	28.5
B5 L02 STUDIO aa	0.1	PASS	2	PASS	PASS	28.6
B5 L02 STUDIO at	0	PASS	1	PASS	PASS	28.4
B5 L02 STUDIO p	0	PASS	0	PASS	PASS	28.2
B5 L02 STUDIO af	0.6	PASS	3	PASS	PASS	29.8
B5 L02 STUDIO k	0	PASS	1	PASS	PASS	28.4
B5 L02 STUDIO ar	0.1	PASS	1	PASS	PASS	28.7
B5 L02 STUDIO ab	0.5	PASS	3	PASS	PASS	29.6
B5 L02 STUDIO aq	0.1	PASS	1	PASS	PASS	28.7
B5 L02 STUDIO ao	0.1	PASS	2	PASS	PASS	28.9
B5 L01 BED (2Bb2)	0	PASS	0	PASS	PASS	27.8
B5 L01 BED (2Bc2)	0	PASS	3	PASS	PASS	28.1
B5 L01 BED (2Bc1)	0.1	PASS	2	PASS	PASS	28.6
B5 L01 BED (2Bb1)	0	PASS	0	PASS	PASS	27.9
B5 L01 BED (4Ba4)	0	PASS	1	PASS	PASS	28.4
B5 L01 BED (2Ba2)	0	PASS	1	PASS	PASS	28.6
B5 L01 BED (4Ba2)	0.1	PASS	0	PASS	PASS	28.8
B5 L04 STUDIO o	0	PASS	1	PASS	PASS	28.5
B5 L04 STUDIO ag	0.5	PASS	1	PASS	PASS	30

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L04 STUDIO ac	0.9	PASS	3	PASS	PASS	30.4
B5 L04 STUDIO ah	0.6	PASS	2	PASS	PASS	30.1
B5 L04 STUDIO ae	0.8	PASS	3	PASS	PASS	30.2
B5 L04 STUDIO aj	0.6	PASS	1	PASS	PASS	30.2
B5 L04 STUDIO n	0	PASS	1	PASS	PASS	27.9
B5 L04 STUDIO ai	0.5	PASS	2	PASS	PASS	30.1
B5 L04 STUDIO aw	0	PASS	2	PASS	PASS	28.5
B5 L04 STUDIO ax	0	PASS	0	PASS	PASS	28.1
B5 L04 STUDIO au	0	PASS	1	PASS	PASS	28.5
B5 L04 STUDIO aa	0.2	PASS	2	PASS	PASS	28.9
B5 L04 STUDIO at	0	PASS	1	PASS	PASS	28.4
B5 L04 STUDIO ao	0.1	PASS	2	PASS	PASS	28.9
B5 L04 STUDIO ap	0.1	PASS	2	PASS	PASS	28.8
B5 L04 STUDIO an	0.1	PASS	2	PASS	PASS	28.7
B5 L04 STUDIO al	0.5	PASS	1	PASS	PASS	30.1
B5 L04 STUDIO	0.1	PASS	1	PASS	PASS	28.7
B5 L04 STUDIO av	0	PASS	0	PASS	PASS	28.4
B5 L05 STUDIO ad	0.9	PASS	3	PASS	PASS	30.4
B5 L05 STUDIO o	0	PASS	1	PASS	PASS	28.5
B5 L06 STUDIO ad	0.8	PASS	3	PASS	PASS	30.2
B5 L06 STUDIO o	0	PASS	1	PASS	PASS	28.5
B5 L06 STUDIO ag	0.5	PASS	1	PASS	PASS	29.8
B5 L06 STUDIO ac	0.8	PASS	3	PASS	PASS	30.2
B5 L06 STUDIO ah	0.5	PASS	1	PASS	PASS	30
B5 L06 STUDIO ai	0.5	PASS	1	PASS	PASS	29.9
B5 L06 STUDIO aw	0	PASS	0	PASS	PASS	28.3
B5 L06 STUDIO ax	0	PASS	0	PASS	PASS	28
B5 L06 STUDIO au	0	PASS	1	PASS	PASS	28.4
B5 L06 STUDIO aa	0.2	PASS	0	PASS	PASS	28.9
B5 L06 STUDIO at	0	PASS	1	PASS	PASS	28.3
B5 L06 STUDIO p	0	PASS	0	PASS	PASS	28.3

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L06 STUDIO af	0.5	PASS	2	PASS	PASS	29.7
B5 L06 STUDIO ar	0	PASS	1	PASS	PASS	28.6
B5 L06 STUDIO ab	0.6	PASS	2	PASS	PASS	29.9
B5 L06 STUDIO av	0	PASS	0	PASS	PASS	28.2
B5 L10 BED (2Bb2)	0	PASS	0	PASS	PASS	27.7
B5 L11 BED (3Ba3)	0	PASS	0	PASS	PASS	28.1
B5 L11 BED (3Ba1)	0	PASS	1	PASS	PASS	28.3
B5 L10 BED (2Bb1)	0	PASS	0	PASS	PASS	27.8
B5 L10 BED (3Ba3)	0	PASS	1	PASS	PASS	28.2
B5 L11 BED (3Ba2)	0	PASS	0	PASS	PASS	28.2
B5 L11 BED (4Ba1)	0.5	PASS	1	PASS	PASS	29.6
B5 L11 BED (4Ba3)	0.5	PASS	1	PASS	PASS	29.5
B5 L11 STUDIO o	0	PASS	1	PASS	PASS	28.5
B5 L10 STUDIO o	0	PASS	1	PASS	PASS	28.6
B5 L11 STUDIO n	0	PASS	1	PASS	PASS	27.9
B5 L11 STUDIO m	0	PASS	1	PASS	PASS	28.2
B5 L11 STUDIO p	0	PASS	0	PASS	PASS	28.2
B5 L10 STUDIO n	0	PASS	1	PASS	PASS	28
B5 L07 BED (2Bb2)	0	PASS	0	PASS	PASS	27.7
B5 L07 BED (4Ba3)	0.5	PASS	1	PASS	PASS	29.4
B5 L07 BED (4Ba4)	0.5	PASS	2	PASS	PASS	29.4
B5 L10 STUDIO p	0	PASS	0	PASS	PASS	28.3
B5 L07 BED (4Ba2)	0.5	PASS	1	PASS	PASS	29.7
B5 L00 BED (2Bc1)	0	PASS	2	PASS	PASS	28.6
B5 L00 STUDIO ad	0.8	PASS	3	PASS	PASS	29.9
B5 L00 STUDIO ag	0.7	PASS	2	PASS	PASS	30.4
B5 L00 STUDIO ac	0.7	PASS	3	PASS	PASS	29.9
B5 L00 STUDIO ah	0.8	PASS	2	PASS	PASS	30.6
B5 L00 STUDIO ae	0.6	PASS	3	PASS	PASS	29.8
B5 L00 STUDIO au	0.1	PASS	1	PASS	PASS	28.9
B5 L00 STUDIO at	0.2	PASS	1	PASS	PASS	29

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L00 STUDIO af	0.4	PASS	2	PASS	PASS	29.6
B5 L00 STUDIO ar	0.2	PASS	2	PASS	PASS	29.2
B5 L00 STUDIO aq	0.2	PASS	1	PASS	PASS	29.1
B5 L00 STUDIO ao	0.3	PASS	3	PASS	PASS	29.2
B5 L00 STUDIO ap	0.2	PASS	3	PASS	PASS	29.2
B5 L00 STUDIO an	0.2	PASS	3	PASS	PASS	29.1
B5 L00 BED (2Ba2)	0	PASS	0	PASS	PASS	27.7
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.13TM59 overheating assessment results for all living/kitchen spaces within Block 5+, assessed against DSY1 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L00 LIVING/KITCHEN (2Ba)	0	PASS	28.1
B5 L00 LIVING/KITCHEN (2Bc)	0.6	PASS	29.3
B5 L01 KITCHEN (2Bb)	0	PASS	27.7
B5 L01 LIVING/KITCHEN (2Ba)	0.1	PASS	28.5
B5 L01 LIVING/KITCHEN (2Bc)	0.6	PASS	29.3
B5 L01 LIVING/KITCHEN (3Ba)	0.3	PASS	29
B5 L01 LIVING/KITCHEN (4Ba)	0	PASS	28.2
B5 L02 KITCHEN (2Bb)	0	PASS	27.4
B5 L02 LIVING/KITCHEN (2Ba)	0	PASS	28.2
B5 L02 LIVING/KITCHEN (2Bc)	0.4	PASS	28.9
B5 L02 LIVING/KITCHEN (3Ba)	0.2	PASS	28.7
B5 L02 LIVING/KITCHEN (4Ba)	0	PASS	28
B5 L03 KITCHEN (2Bb)	0	PASS	27.5
B5 L03 LIVING/KITCHEN (2Ba)	0	PASS	28.1
B5 L03 LIVING/KITCHEN (2Bc)	0.4	PASS	28.9
B5 L03 LIVING/KITCHEN (3Ba)	0.3	PASS	28.8
B5 L03 LIVING/KITCHEN (4Ba)	0	PASS	28
B5 L04 KITCHEN (2Bb)	0	PASS	27.5
B5 L04 LIVING/KITCHEN (2Bc)	0.4	PASS	28.9
B5 L04 LIVING/KITCHEN (3Ba)	0.2	PASS	28.7
B5 L04 LIVING/KITCHEN (4Ba)	0	PASS	28

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L05 KITCHEN (2Bb)	0	PASS	27.5
B5 L05 LIVING/KITCHEN (2Bc)	0.4	PASS	28.9
B5 L05 LIVING/KITCHEN (3Ba)	0.2	PASS	28.7
B5 L05 LIVING/KITCHEN (4Ba)	0	PASS	28
B5 L06 KITCHEN (2Bb)	0	PASS	27.5
B5 L06 LIVING/KITCHEN (2Bc)	0.3	PASS	28.8
B5 L06 LIVING/KITCHEN (3Ba)	0.2	PASS	28.7
B5 L06 LIVING/KITCHEN (4Ba)	0	PASS	28.2
B5 L07 KITCHEN (2Bb)	0	PASS	27.6
B5 L07 LIVING/KITCHEN (3Ba)	0.3	PASS	28.7
B5 L07 LIVING/KITCHEN (4Ba)	0	PASS	28.2
B5 L08 KITCHEN (2Bb)	0	PASS	27.6
B5 L08 LIVING/KITCHEN (3Ba)	0.3	PASS	28.8
B5 L08 LIVING/KITCHEN (4Ba)	0	PASS	28.2
B5 L09 KITCHEN (2Bb)	0	PASS	27.6
B5 L09 LIVING/KITCHEN (3Ba)	0.3	PASS	28.8
B5 L09 LIVING/KITCHEN (4Ba)	0	PASS	28.2
B5 L10 KITCHEN (2Bb)	0	PASS	27.6
B5 L10 LIVING/KITCHEN (3Ba)	0.3	PASS	28.8
B5 L10 LIVING/KITCHEN (4Ba)	0	PASS	28.2
B5 L11 KITCHEN (2Bb)	0	PASS	27.5
B5 L11 LIVING/KITCHEN (3Ba)	0.2	PASS	28.6
B5 L11 LIVING/KITCHEN (4Ba)	0	PASS	28.2
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.14 TM59 overheating assessment results for all circulation spaces within Block 5+, assessed against DSY1 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L00 CORRIDOR d	0	PASS	28.1
B5 L00 CORRIDOR e...	0.6	PASS	29.5
B5 L00 CORRIDOR f	0.2	PASS	28.7
B5 L00 CORRIDOR TM59...	0	PASS	25.6
B5 L00 RISER...	0	PASS	26.1

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L01 CORRIDOR a	0.1	PASS	28.3
B5 L01 CORRIDOR b	0.1	PASS	28.3
B5 L01 CORRIDOR c	0	PASS	28
B5 L01 CORRIDOR d	0.2	PASS	28.6
B5 L02 CORRIDOR a	0	PASS	27.9
B5 L02 CORRIDOR b	0	PASS	28.2
B5 L02 CORRIDOR c	0	PASS	27.7
B5 L02 CORRIDOR d	0.1	PASS	28.2
B5 L03 CORRIDOR a	0	PASS	28
B5 L03 CORRIDOR b	0.1	PASS	28.4
B5 L03 CORRIDOR c	0	PASS	27.8
B5 L03 CORRIDOR d	0.1	PASS	28.2
B5 L04 CORRIDOR b	0	PASS	27.9
B5 L04 CORRIDOR c	0	PASS	27.7
B5 L04 CORRIDOR d	0.1	PASS	28.2
B5 L05 CORRIDOR b	0	PASS	27.9
B5 L05 CORRIDOR c	0	PASS	27.7
B5 L05 CORRIDOR d	0.1	PASS	28.2
B5 L06 CORRIDOR b	0	PASS	27.9
B5 L06 CORRIDOR c	0	PASS	27.7
B5 L06 CORRIDOR d	0	PASS	28.1
B5 L07 CORRIDOR b	0	PASS	28
B5 L08 CORRIDOR b	0.1	PASS	28.2
B5 L09 CORRIDOR b	0.1	PASS	28.2
B5 L10 CORRIDOR b	0	PASS	28.2
B5 L11 CORRIDOR b	0	PASS	28.1

D.2 DSY2 2020 (Near Extreme)

D.2.1 Block 1

Table D.15 TM59 overheating assessment results for all bedroom and studio spaces within Block 1, assessed against DSY2 2020

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B1 L02 STUDIO k	0.4	PASS	4	PASS	PASS	30.9
B1 L02 STUDIO l	0.4	PASS	4	PASS	PASS	30.9
B1 L02 STUDIO e	0.4	PASS	5	PASS	PASS	31.3
B1 L02 STUDIO i	0.4	PASS	4	PASS	PASS	30.6
B1 L02 STUDIO h	0.4	PASS	4	PASS	PASS	31.1
B1 L02 STUDIO f	0.4	PASS	5	PASS	PASS	31.4
B1 L02 STUDIO m	0.4	PASS	4	PASS	PASS	30.9
B1 L02 STUDIO n	0.4	PASS	4	PASS	PASS	31.1
B1 L02 STUDIO c	0.4	PASS	4	PASS	PASS	31.4
B1 L02 STUDIO o	0.4	PASS	4	PASS	PASS	30.8
B1 L02 STUDIO p	0.4	PASS	4	PASS	PASS	30.7
B1 L02 STUDIO b	0.4	PASS	4	PASS	PASS	31.4
B1 L02 STUDIO q	0.4	PASS	4	PASS	PASS	30.8
B1 L02 STUDIO r	0.4	PASS	4	PASS	PASS	30.9
B1 L02 STUDIO a	0.4	PASS	5	PASS	PASS	31.4
B1 L02 STUDIO s	0.4	PASS	4	PASS	PASS	30.5
B1 L02 STUDIO d	0.4	PASS	4	PASS	PASS	31.2
B1 L02 STUDIO g	0.4	PASS	5	PASS	PASS	31.3
B1 L02 STUDIO j	0.4	PASS	5	PASS	PASS	31
B1 L03 STUDIO k	0.4	PASS	4	PASS	PASS	30.9
B1 L03 STUDIO l	0.4	PASS	4	PASS	PASS	30.9
B1 L03 STUDIO e	0.4	PASS	4	PASS	PASS	31.2
B1 L03 STUDIO i	0.4	PASS	4	PASS	PASS	30.9
B1 L03 STUDIO h	0.4	PASS	4	PASS	PASS	31
B1 L03 STUDIO f	0.4	PASS	4	PASS	PASS	31.4
B1 L03 STUDIO m	0.4	PASS	4	PASS	PASS	30.8
B1 L03 STUDIO n	0.4	PASS	4	PASS	PASS	31
B1 L03 STUDIO c	0.4	PASS	4	PASS	PASS	31.3

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B1 L03 STUDIO o	0.4	PASS	4	PASS	PASS	30.7
B1 L03 STUDIO p	0.4	PASS	4	PASS	PASS	30.7
B1 L03 STUDIO b	0.4	PASS	4	PASS	PASS	31.3
B1 L03 STUDIO q	0.4	PASS	4	PASS	PASS	30.7
B1 L03 STUDIO r	0.4	PASS	4	PASS	PASS	30.8
B1 L03 STUDIO a	0.4	PASS	4	PASS	PASS	31.4
B1 L03 STUDIO s	0.4	PASS	4	PASS	PASS	30.5
B1 L03 STUDIO d	0.4	PASS	4	PASS	PASS	31.2
B1 L03 STUDIO g	0.4	PASS	4	PASS	PASS	31.4
B1 L03 STUDIO j	0.4	PASS	4	PASS	PASS	30.9
B1 L01 STUDIO k	0.4	PASS	4	PASS	PASS	30.9
B1 L01 STUDIO l	0.4	PASS	5	PASS	PASS	30.9
B1 L01 STUDIO e	0.4	PASS	4	PASS	PASS	31.1
B1 L01 STUDIO i	0.4	PASS	4	PASS	PASS	30.4
B1 L01 STUDIO h	0.4	PASS	4	PASS	PASS	31.1
B1 L01 STUDIO f	0.4	PASS	5	PASS	PASS	31.3
B1 L01 STUDIO m	0.4	PASS	4	PASS	PASS	30.9
B1 L01 STUDIO n	0.4	PASS	5	PASS	PASS	31.1
B1 L01 STUDIO c	0.4	PASS	4	PASS	PASS	31.4
B1 L01 STUDIO o	0.4	PASS	4	PASS	PASS	30.8
B1 L01 STUDIO p	0.4	PASS	4	PASS	PASS	30.7
B1 L01 STUDIO b	0.4	PASS	4	PASS	PASS	31.3
B1 L01 STUDIO q	0.4	PASS	4	PASS	PASS	30.8
B1 L01 STUDIO r	0.4	PASS	4	PASS	PASS	30.9
B1 L01 STUDIO a	0.4	PASS	5	PASS	PASS	31.2
B1 L01 STUDIO s	0.4	PASS	4	PASS	PASS	30.5
B1 L01 STUDIO d	0.4	PASS	4	PASS	PASS	31.3
B1 L01 STUDIO g	0.4	PASS	5	PASS	PASS	31.3
B1 L01 STUDIO j	0.4	PASS	5	PASS	PASS	30.9
B1 L00 STUDIO k	0.4	PASS	5	PASS	PASS	31.2
B1 L00 STUDIO l	0.4	PASS	5	PASS	PASS	31.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B1 L00 STUDIO e	0.4	PASS	5	PASS	PASS	31.5
B1 L00 STUDIO h	0.4	PASS	5	PASS	PASS	31.4
B1 L00 STUDIO f	0.4	PASS	5	PASS	PASS	31.6
B1 L00 STUDIO m	0.5	PASS	5	PASS	PASS	31.2
B1 L00 STUDIO c	0.4	PASS	5	PASS	PASS	31.8
B1 L00 STUDIO o	0.5	PASS	5	PASS	PASS	31.2
B1 L00 STUDIO p	0.4	PASS	5	PASS	PASS	31.1
B1 L00 STUDIO b	0.4	PASS	5	PASS	PASS	31.7
B1 L00 STUDIO q	0.4	PASS	5	PASS	PASS	31.1
B1 L00 STUDIO r	0.4	PASS	5	PASS	PASS	31.2
B1 L00 STUDIO a	0.4	PASS	5	PASS	PASS	31.4
B1 L00 STUDIO s	0.4	PASS	5	PASS	PASS	30.9
B1 L00 STUDIO d	0.5	PASS	5	PASS	PASS	31.6
B1 L00 STUDIO g	0.4	PASS	5	PASS	PASS	31.7
B1 L00 STUDIO j	0.4	PASS	5	PASS	PASS	31.2
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.16 TM59 overheating assessment results for all circulation spaces within Block 1, assessed against DSY2 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (°C)
B1 L02 CORRIDOR a	0.2	PASS	29.5
B1 L02 CORRIDOR c	0.1	PASS	29
B1 L03 CORRIDOR a	0.2	PASS	29.6
B1 L03 CORRIDOR c	0.1	PASS	29
B1 L01 CORRIDOR a	0.1	PASS	29.4
B1 L01 CORRIDOR c	0.1	PASS	29
B1 L00 CORRIDOR a	0.1	PASS	29.4
B1 L00 CORRIDOR c	0.1	PASS	29.5
B1 L02 CIRC 00	0	PASS	28
B1 L02 STAIR 01	0	PASS	27.5
B1 L02 STAIR 02	0.2	PASS	30.3
B1 L02 CIRC 03	0.1	PASS	28.7
B1 L03 CIRC 04	0	PASS	28

Room Name	Criterion A	PASS/FAIL	Peak temperature (°C)
B1 L03 STAIR 05	0	PASS	27.7
B1 L03 STAIR 06	0.2	PASS	30.3
B1 L03 CIRC 07	0.1	PASS	28.7
B1 L01 CIRC 08	0	PASS	28.2
B1 L01 STAIR 09	0	PASS	27.2
B1 L01 STAIR 10	0.2	PASS	30
B1 L01 CIRC 11	0.1	PASS	28.6
B1 L00 STAIR 12	0	PASS	25.9
B1 L00 STAIR 13	0.3	PASS	30.6
B1 L00 CIRC 14	0.1	PASS	29.5

D.2.2 Block 2

Table D.17 TM59 overheating assessment results for all bedroom and studio spaces within Block 2, assessed against DSY2 2020

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B2 L02 STUDIO a	0.4	PASS	4	PASS	PASS	31.3
B2 L02 STUDIO i	0.5	PASS	4	PASS	PASS	31.2
B2 L02 STUDIO d	0.5	PASS	4	PASS	PASS	31.5
B2 L02 STUDIO f	0.5	PASS	4	PASS	PASS	31.4
B2 L02 STUDIO j	0.5	PASS	4	PASS	PASS	31.6
B2 L02 STUDIO h	0.5	PASS	4	PASS	PASS	31.3
B2 L02 STUDIO c	0.4	PASS	4	PASS	PASS	30.8
B2 L02 STUDIO e	0.5	PASS	4	PASS	PASS	31.5
B2 L02 STUDIO b	0.4	PASS	4	PASS	PASS	31.2
B2 L02 STUDIO g	0.5	PASS	4	PASS	PASS	31.4
B2 L01 STUDIO a	0.4	PASS	4	PASS	PASS	30.9
B2 L01 STUDIO i	0.5	PASS	4	PASS	PASS	31.1
B2 L01 STUDIO d	0.5	PASS	4	PASS	PASS	31.3
B2 L01 STUDIO f	0.5	PASS	4	PASS	PASS	31.3
B2 L01 STUDIO j	0.4	PASS	6	PASS	PASS	31.2
B2 L01 STUDIO h	0.5	PASS	4	PASS	PASS	31.2
B2 L01 STUDIO c	0.4	PASS	4	PASS	PASS	30.6

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B2 L01 STUDIO e	0.5	PASS	4	PASS	PASS	31.2
B2 L01 STUDIO b	0.4	PASS	4	PASS	PASS	31
B2 L01 STUDIO g	0.5	PASS	4	PASS	PASS	31.3
B2 L00 STUDIO i	0.5	PASS	4	PASS	PASS	31
B2 L00 STUDIO f	0.5	PASS	4	PASS	PASS	31.2
B2 L00 STUDIO j	0.4	PASS	6	PASS	PASS	31.6
B2 L00 STUDIO h	0.5	PASS	4	PASS	PASS	31.1
B2 L00 STUDIO g	0.5	PASS	4	PASS	PASS	31.2
B2 L03 STUDIO a	0.4	PASS	4	PASS	PASS	31.3
B2 L03 STUDIO i	0.5	PASS	4	PASS	PASS	31.3
B2 L03 STUDIO d	0.5	PASS	4	PASS	PASS	31.5
B2 L03 STUDIO f	0.5	PASS	4	PASS	PASS	31.5
B2 L03 STUDIO j	0.5	PASS	4	PASS	PASS	31.6
B2 L03 STUDIO h	0.5	PASS	4	PASS	PASS	31.3
B2 L03 STUDIO e	0.5	PASS	4	PASS	PASS	31.5
B2 L03 STUDIO b	0.4	PASS	4	PASS	PASS	31.2
B2 L03 STUDIO g	0.5	PASS	4	PASS	PASS	31.5
B2 L04 STUDIO a	0.5	PASS	4	PASS	PASS	31.3
B2 L04 STUDIO i	0.5	PASS	4	PASS	PASS	31.3
B2 L04 STUDIO d	0.5	PASS	4	PASS	PASS	31.5
B2 L04 STUDIO f	0.5	PASS	4	PASS	PASS	31.5
B2 L04 STUDIO h	0.5	PASS	4	PASS	PASS	31.3
B2 L04 STUDIO c	0.4	PASS	4	PASS	PASS	30.8
B2 L04 STUDIO e	0.5	PASS	4	PASS	PASS	31.5
B2 L04 STUDIO b	0.4	PASS	4	PASS	PASS	31.2
B2 L04 STUDIO g	0.5	PASS	4	PASS	PASS	31.5
B2 L05 STUDIO a	0.5	PASS	4	PASS	PASS	31.3
B2 L05 STUDIO i	0.5	PASS	4	PASS	PASS	31.2
B2 L05 STUDIO d	0.5	PASS	4	PASS	PASS	31.5
B2 L05 STUDIO f	0.5	PASS	4	PASS	PASS	31.4
B2 L05 STUDIO h	0.5	PASS	4	PASS	PASS	31.3

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B2 L05 STUDIO c	0.4	PASS	4	PASS	PASS	30.8
B2 L05 STUDIO e	0.5	PASS	4	PASS	PASS	31.4
B2 L05 STUDIO b	0.5	PASS	4	PASS	PASS	31.2
B2 L05 STUDIO g	0.5	PASS	4	PASS	PASS	31.4
B2 L02 BED (2Ba2)	0.5	PASS	4	PASS	PASS	31.1
B2 L02 BED (2Bb1)	0.4	PASS	4	PASS	PASS	30.6
B2 L02 BED (2Ba1)	0.5	PASS	4	PASS	PASS	31.1
B2 L02 BED (2Bb2)	0.4	PASS	4	PASS	PASS	30.5
B2 L02 BED (3Ba1)	0.4	PASS	4	PASS	PASS	30.7
B2 L02 BED (3Bd2)	0.5	PASS	5	PASS	PASS	30.7
B2 L02 BED (3Bc3)	0.5	PASS	4	PASS	PASS	31.7
B2 L02 BED (3Be1)	0.5	PASS	4	PASS	PASS	30.6
B2 L02 BED (3Be2)	0.5	PASS	5	PASS	PASS	30.7
B2 L02 BED (3Be3)	0.4	PASS	4	PASS	PASS	30.4
B2 L02 BED (3Bd1)	0.5	PASS	4	PASS	PASS	30.6
B2 L02 BED (3Bc2)	0.5	PASS	8	PASS	PASS	31.9
B2 L02 BED (3Bb3)	0.5	PASS	5	PASS	PASS	31.9
B2 L02 BED (3Bc1)	0.5	PASS	5	PASS	PASS	32
B2 L02 BED (3Bb2)	0.5	PASS	8	PASS	PASS	31.9
B2 L02 BED (3Bb1)	0.5	PASS	4	PASS	PASS	31.8
B2 L02 BED (3Ba2)	0.4	PASS	6	PASS	PASS	31.8
B2 L02 BED (3Ba3)	0.5	PASS	4	PASS	PASS	32
B2 L02 BED (3Bd3)	0.4	PASS	4	PASS	PASS	30.7
B2 L02 BED (4Ba3)	0.5	PASS	5	PASS	PASS	30.8
B2 L02 BED (4Ba2)	0.5	PASS	6	PASS	PASS	30.8
B2 L02 BED (4Ba4)	0.5	PASS	4	PASS	PASS	30.5
B2 L02 BED (4Ba1) *	0.5	PASS	17	PASS	PASS	28.9
B2 L01 BED (2Ba2)	0.5	PASS	4	PASS	PASS	30.9
B2 L01 BED (2Bb2)	0.4	PASS	4	PASS	PASS	30.5
B2 L01 BED (2Ba1)	0.5	PASS	4	PASS	PASS	30.9
B2 L01 BED (2Bb1)	0.4	PASS	4	PASS	PASS	30.4

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B2 L01 BED (3Ba1)	0.3	PASS	4	PASS	PASS	30.3
B2 L01 BED (3Bc3)	0.4	PASS	4	PASS	PASS	31.5
B2 L01 BED (3Bc2)	0.5	PASS	7	PASS	PASS	31.7
B2 L01 BED (3Bb3)	0.4	PASS	6	PASS	PASS	31.6
B2 L01 BED (3Bc1)	0.4	PASS	6	PASS	PASS	31.6
B2 L01 BED (3Bb2)	0.4	PASS	7	PASS	PASS	31.6
B2 L01 BED (3Bb1)	0.4	PASS	4	PASS	PASS	31.5
B2 L01 BED (3Ba2)	0.4	PASS	6	PASS	PASS	31.4
B2 L01 BED (3Ba3)	0.5	PASS	4	PASS	PASS	31.7
B2 L01 BED (3Bd3)	0.5	PASS	4	PASS	PASS	30.7
B2 L01 BED (3Bd2)	0.4	PASS	6	PASS	PASS	30.7
B2 L01 BED (3Bd1)	0.4	PASS	5	PASS	PASS	30.4
B2 L01 BED (4Be2)	0.4	PASS	5	PASS	PASS	30.3
B2 L01 BED (2Be1)	0.4	PASS	4	PASS	PASS	30.3
B2 L01 BED (2Bd2)	0.4	PASS	5	PASS	PASS	30.2
B2 L01 BED (2Bd1)	0.4	PASS	4	PASS	PASS	30.3
B2 L01 BED (2Bc1)	0.4	PASS	5	PASS	PASS	30.2
B2 L01 BED (2Bc2)	0.4	PASS	4	PASS	PASS	30.3
B2 L00 BED (2Ba2)	0.5	PASS	4	PASS	PASS	30.8
B2 L00 BED (2Ba1)	0.5	PASS	4	PASS	PASS	30.8
B2 L00 BED (3Bc3)	0.5	PASS	4	PASS	PASS	31.8
B2 L00 BED (3Bc2)	0.5	PASS	8	PASS	PASS	32
B2 L00 BED (3Bb3)	0.5	PASS	7	PASS	PASS	31.8
B2 L00 BED (3Bc1)	0.5	PASS	7	PASS	PASS	31.9
B2 L00 BED (3Bb2)	0.5	PASS	8	PASS	PASS	31.8
B2 L00 BED (3Bb1)	0.4	PASS	4	PASS	PASS	31.8
B2 L00 BED (3Bd3)	0.5	PASS	4	PASS	PASS	30.9
B2 L00 BED (3Bd2)	0.5	PASS	6	PASS	PASS	31
B2 L00 BED (3Bd1)	0.5	PASS	5	PASS	PASS	30.7
B2 L00 BED (4Be2)	0.4	PASS	5	PASS	PASS	30.6
B2 L00 BED (2Be1)	0.5	PASS	4	PASS	PASS	30.6

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B2 L00 BED (2Bd2)	0.4	PASS	5	PASS	PASS	30.5
B2 L00 BED (2Bd1)	0.4	PASS	4	PASS	PASS	30.5
B2 L00 BED (2Bc1)	0.4	PASS	6	PASS	PASS	30.5
B2 L00 BED (2Bc2)	0.5	PASS	4	PASS	PASS	30.6
B2 L03 BED (2Ba2)	0.5	PASS	4	PASS	PASS	31.1
B2 L03 BED (2Ba1)	0.5	PASS	4	PASS	PASS	31.1
B2 L03 BED (3Ba1)	0.4	PASS	4	PASS	PASS	30.7
B2 L03 BED (3Bc3)	0.5	PASS	4	PASS	PASS	31.7
B2 L03 BED (3Bc2)	0.5	PASS	7	PASS	PASS	31.9
B2 L03 BED (3Bb3)	0.5	PASS	5	PASS	PASS	31.9
B2 L03 BED (3Bc1)	0.5	PASS	5	PASS	PASS	31.9
B2 L03 BED (3Bb2)	0.5	PASS	7	PASS	PASS	31.9
B2 L03 BED (3Bb1)	0.5	PASS	4	PASS	PASS	31.8
B2 L03 BED (3Ba2)	0.5	PASS	6	PASS	PASS	31.9
B2 L03 BED (3Ba3)	0.5	PASS	4	PASS	PASS	32
B2 L04 BED (2Ba2)	0.5	PASS	4	PASS	PASS	31
B2 L04 BED (2Ba1)	0.5	PASS	4	PASS	PASS	31
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.18TM59 overheating assessment results for all living/kitchen spaces within Block 2, assessed against DSY2 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L02 KITCHEN (3Bd)*	0.4	PASS	29.1
B2 L02 KITCHEN (3Bc)*	0.6	PASS	29.5
B2 L02 KITCHEN (3Ba)*	0.4	PASS	28.8
B2 L02 KITCHEN (3Be)*	0.4	PASS	29.1
B2 L02 KITCHEN (3Bb)*	0.5	PASS	29.3
B2 L02 KITCHEN (4B)*	0.5	PASS	29.2
B2 L02 KITCHEN (2Bb)*	0.3	PASS	28
B2 L02 LIVING (4Ba)	0.9	PASS	31.6
B2 L02 LIVING/KITCHEN (2Ba)	0.7	PASS	30.7
B2 L01 KITCHEN (3Bc)*	0.5	PASS	29.4
B2 L01 KITCHEN (3Ba)*	0.4	PASS	28.8

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L01 KITCHEN (3Bb)*	0.4	PASS	29.1
B2 L01 KITCHEN (2Bb)*	0.3	PASS	28
B2 L01 LIVING/KITCHEN (2Ba)	0.7	PASS	30.6
B2 L01 KITCHEN (3Bd)*	0.5	PASS	29.5
B2 L01 KITCHEN (2Be)*	0.4	PASS	29.2
B2 L01 KITCHEN (2Bd)*	0.4	PASS	29.3
B2 L01 KITCHEN (2Bc)*	0.4	PASS	29.4
B2 L00 KITCHEN (3Bc)*	0.6	PASS	29.9
B2 L00 KITCHEN (3Bb)*	0.5	PASS	29.6
B2 L00 LIVING/KITCHEN (2Ba)	0.7	PASS	30.7
B2 L00 KITCHEN (3Bd)*	0.6	PASS	29.9
B2 L00 KITCHEN (2Be)*	0.5	PASS	29.7
B2 L00 KITCHEN (2Bd)*	0.5	PASS	29.8
B2 L00 KITCHEN (2Bc)*	0.5	PASS	29.9
B2 L03 KITCHEN (3Bc)*	0.8	PASS	30
B2 L03 KITCHEN (3Ba)*	0.4	PASS	29.1
B2 L03 KITCHEN (3Bb)*	0.7	PASS	29.7
B2 L03 LIVING/KITCHEN (2Ba)	0.7	PASS	30.8
B2 L04 LIVING/KITCHEN (2Ba)	0.7	PASS	30.7
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.19TM59 overheating assessment results for all circulation spaces within Block 2, assessed against DSY2 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L02 CORRIDOR a	0	PASS	28.4
B2 L02 CORRIDOR b	0.1	PASS	28.9
B2 L01 CORRIDOR a	0	PASS	28.2
B2 L01 CORRIDOR b	0.1	PASS	28.7
B2 L00 CORRIDOR b	0.1	PASS	28.8
B2 L00 CORRIDOR a	0.1	PASS	28.8
B2 L03 CORRIDOR a	0.2	PASS	29.3
B2 L03 CORRIDOR b	0.1	PASS	29.1
B2 L04 CORRIDOR b	0.1	PASS	29.4

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L05 CORRIDOR b	0.1	PASS	29.5
B2 L02 CIRC 15	0	PASS	25.9
B2 L02 CIRC (3B) 00	0	PASS	27.5
B2 L02 CIRC (3B) 01	0	PASS	27.2
B2 L02 CIRC (3B) 02	0	PASS	27.1
B2 L02 CIRC (3B) 03	0	PASS	27.4
B2 L02 CIRC (3B) 04	0	PASS	27.3
B2 L02 CIRC (4B) 05	0	PASS	26.3
B2 L02 CIRC (4B) 06	0	PASS	27.9
B2 L02 STAIR 16	0	PASS	27.8
B2 L02 STAIR 17	0	PASS	26.1
B2 L01 CIRC 18	0	PASS	26
B2 L01 CIRC (3B) 07	0	PASS	27.3
B2 L01 CIRC (3B) 08	0	PASS	27.2
B2 L01 CIRC (3B) 09	0	PASS	27.2
B2 L01 STAIR 19	0	PASS	27.6
B2 L01 STAIR 20	0	PASS	26.2
B2 L01 CIRC (3B) 10	0	PASS	27.1
B2 L01 CIRC (2B) 11	0	PASS	27.1
B2 L01 CIRC (2B) 12	0	PASS	27.1
B2 L01 CIRC (2B) 13	0	PASS	27.1
B2 L00 CIRC (3B) 14	0	PASS	27.6
B2 L00 CIRC (3B) 15	0	PASS	27.5
B2 L00 STAIR 21	0	PASS	27.8
B2 L00 STAIR 22	0	PASS	26.6
B2 L00 CIRC (3B) 16	0	PASS	27.4
B2 L00 CIRC (2B) 17	0	PASS	27.4
B2 L00 CIRC (2B) 18	0	PASS	27.4
B2 L00 CIRC (2B) 19	0	PASS	27.5
B2 L00 CORRIDOR 23	0	PASS	28.4
B2 L00 CIRC 24	0	PASS	27.1

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L03 CIRC 25	0	PASS	26.1
B2 L03 CIRC (3B) 20	0	PASS	27.8
B2 L03 CIRC (3B) 21	0	PASS	27.7
B2 L03 CIRC (3B) 22	0	PASS	27.6
B2 L03 STAIR 26	0	PASS	28.1
B2 L03 STAIR 27	0	PASS	26.2
B2 L04 STAIR 28	0	PASS	25.9
B2 L04 CIRC 29	0	PASS	25.6
B2 L05 STAIR 30	0	PASS	26
B2 L05 CIRC 31	0	PASS	25.8

D.2.3 Block 3

Table D.20TM59 overheating assessment results for all bedroom and studio spaces within Block 3, assessed against DSY2 2020

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B3 L03 STUDIO j	0.4	PASS	4	PASS	PASS	31.5
B3 L02 STUDIO a	0.4	PASS	4	PASS	PASS	31.2
B3 L02 STUDIO i	0.5	PASS	4	PASS	PASS	31.2
B3 L02 STUDIO d	0.5	PASS	4	PASS	PASS	31.5
B3 L02 STUDIO f	0.5	PASS	4	PASS	PASS	31.4
B3 L02 STUDIO j	0.4	PASS	4	PASS	PASS	31.2
B3 L02 STUDIO h	0.5	PASS	4	PASS	PASS	31.3
B3 L02 STUDIO c	0.4	PASS	4	PASS	PASS	30.7
B3 L02 STUDIO e	0.5	PASS	4	PASS	PASS	31.4
B3 L02 STUDIO b	0.4	PASS	4	PASS	PASS	31.2
B3 L02 STUDIO g	0.5	PASS	4	PASS	PASS	31.4
B3 L01 STUDIO a	0.4	PASS	4	PASS	PASS	30.9
B3 L01 STUDIO i	0.5	PASS	4	PASS	PASS	31.1
B3 L01 STUDIO d	0.5	PASS	4	PASS	PASS	31.3
B3 L01 STUDIO f	0.5	PASS	4	PASS	PASS	31.3
B3 L01 STUDIO j	0.3	PASS	4	PASS	PASS	30.3
B3 L01 STUDIO h	0.5	PASS	4	PASS	PASS	31.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B3 L01 STUDIO c	0.4	PASS	4	PASS	PASS	30.6
B3 L01 STUDIO e	0.5	PASS	4	PASS	PASS	31.2
B3 L01 STUDIO b	0.4	PASS	4	PASS	PASS	31
B3 L01 STUDIO g	0.5	PASS	4	PASS	PASS	31.3
B3 L00 STUDIO i	0.5	PASS	4	PASS	PASS	31
B3 L00 STUDIO f	0.5	PASS	4	PASS	PASS	31.2
B3 L00 STUDIO j	0.4	PASS	5	PASS	PASS	30.7
B3 L00 STUDIO h	0.5	PASS	4	PASS	PASS	31.1
B3 L00 STUDIO g	0.5	PASS	4	PASS	PASS	31.2
B3 L03 STUDIO a	0.4	PASS	4	PASS	PASS	31.3
B3 L03 STUDIO i	0.5	PASS	4	PASS	PASS	31.2
B3 L03 STUDIO d	0.5	PASS	4	PASS	PASS	31.5
B3 L03 STUDIO f	0.5	PASS	4	PASS	PASS	31.5
B3 L03 STUDIO h	0.5	PASS	4	PASS	PASS	31.3
B3 L03 STUDIO e	0.5	PASS	4	PASS	PASS	31.5
B3 L03 STUDIO b	0.4	PASS	4	PASS	PASS	31.2
B3 L03 STUDIO g	0.5	PASS	4	PASS	PASS	31.5
B3 L04 STUDIO a	0.4	PASS	4	PASS	PASS	31.3
B3 L04 STUDIO i	0.5	PASS	4	PASS	PASS	31.2
B3 L04 STUDIO d	0.5	PASS	4	PASS	PASS	31.5
B3 L04 STUDIO f	0.5	PASS	4	PASS	PASS	31.5
B3 L04 STUDIO h	0.5	PASS	4	PASS	PASS	31.3
B3 L04 STUDIO c	0.4	PASS	4	PASS	PASS	30.8
B3 L04 STUDIO e	0.5	PASS	4	PASS	PASS	31.5
B3 L04 STUDIO b	0.4	PASS	4	PASS	PASS	31.2
B3 L04 STUDIO g	0.5	PASS	4	PASS	PASS	31.5
B3 L05 STUDIO a	0.5	PASS	4	PASS	PASS	31.2
B3 L05 STUDIO i	0.5	PASS	4	PASS	PASS	31.2
B3 L05 STUDIO d	0.5	PASS	4	PASS	PASS	31.4
B3 L05 STUDIO f	0.5	PASS	4	PASS	PASS	31.4
B3 L05 STUDIO h	0.5	PASS	4	PASS	PASS	31.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B3 L05 STUDIO c	0.4	PASS	4	PASS	PASS	30.8
B3 L05 STUDIO e	0.5	PASS	4	PASS	PASS	31.4
B3 L05 STUDIO b	0.4	PASS	4	PASS	PASS	31.2
B3 L05 STUDIO g	0.5	PASS	4	PASS	PASS	31.4
B3 L02 BED (2Ba2)	0.5	PASS	4	PASS	PASS	31.1
B3 L02 BED (2Bb1)	0.4	PASS	4	PASS	PASS	30.4
B3 L02 BED (2Ba1)	0.5	PASS	4	PASS	PASS	31.1
B3 L02 BED (2Bb2)	0.4	PASS	3	PASS	PASS	30.3
B3 L02 BED (3Ba1)	0.4	PASS	4	PASS	PASS	29.7
B3 L02 BED (3Bd2)	0.5	PASS	5	PASS	PASS	30.7
B3 L02 BED (3Bc3)	0.5	PASS	4	PASS	PASS	31.7
B3 L02 BED (3Be1)	0.4	PASS	4	PASS	PASS	30.5
B3 L02 BED (3Be2)	0.4	PASS	4	PASS	PASS	30.5
B3 L02 BED (3Be3)	0.4	PASS	4	PASS	PASS	30.1
B3 L02 BED (3Bd1)	0.5	PASS	4	PASS	PASS	30.5
B3 L02 BED (3Bc2)	0.5	PASS	7	PASS	PASS	31.8
B3 L02 BED (3Bb3)	0.4	PASS	5	PASS	PASS	31.6
B3 L02 BED (3Bc1)	0.4	PASS	5	PASS	PASS	31.7
B3 L02 BED (3Bb2)	0.4	PASS	5	PASS	PASS	31.6
B3 L02 BED (3Bb1)	0.4	PASS	4	PASS	PASS	31.7
B3 L02 BED (3Ba2)	0.4	PASS	5	PASS	PASS	31.1
B3 L02 BED (3Ba3)	0.5	PASS	4	PASS	PASS	31.4
B3 L02 BED (3Bd3)	0.4	PASS	4	PASS	PASS	30.7
B3 L02 BED (4Ba3)	0.5	PASS	5	PASS	PASS	30.7
B3 L02 BED (4Ba2)	0.5	PASS	5	PASS	PASS	30.8
B3 L02 BED (4Ba4)	0.4	PASS	4	PASS	PASS	30.5
B3 L02 BED (4Ba1) *	0.5	PASS	17	PASS	PASS	28.8
B3 L01 BED (2Ba2)	0.5	PASS	4	PASS	PASS	30.9
B3 L01 BED (2Bb2)	0.4	PASS	4	PASS	PASS	30.2
B3 L01 BED (2Ba1)	0.5	PASS	4	PASS	PASS	30.9
B3 L01 BED (2Bb1)	0.4	PASS	4	PASS	PASS	30.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B3 L01 BED (3Ba1)	0.3	PASS	4	PASS	PASS	29.4
B3 L01 BED (3Bc3)	0.4	PASS	4	PASS	PASS	31.1
B3 L01 BED (3Bc2)	0.4	PASS	7	PASS	PASS	31.1
B3 L01 BED (3Bb3)	0.4	PASS	5	PASS	PASS	31
B3 L01 BED (3Bc1)	0.4	PASS	5	PASS	PASS	31.1
B3 L01 BED (3Bb2)	0.4	PASS	6	PASS	PASS	31.1
B3 L01 BED (3Bb1)	0.4	PASS	4	PASS	PASS	31
B3 L01 BED (3Ba2)	0.4	PASS	5	PASS	PASS	30.4
B3 L01 BED (3Ba3)	0.4	PASS	4	PASS	PASS	30.6
B3 L01 BED (3Bd3)	0.5	PASS	4	PASS	PASS	30.7
B3 L01 BED (3Bd2)	0.4	PASS	6	PASS	PASS	30.7
B3 L01 BED (3Bd1)	0.4	PASS	4	PASS	PASS	30.4
B3 L01 BED (4Be2)	0.4	PASS	4	PASS	PASS	30.2
B3 L01 BED (2Be1)	0.4	PASS	4	PASS	PASS	30.2
B3 L01 BED (2Bd2)	0.4	PASS	4	PASS	PASS	30.1
B3 L01 BED (2Bd1)	0.4	PASS	4	PASS	PASS	30.2
B3 L01 BED (2Bc1)	0.4	PASS	4	PASS	PASS	30
B3 L01 BED (2Bc2)	0.4	PASS	4	PASS	PASS	30.1
B3 L00 BED (2Ba2)	0.5	PASS	4	PASS	PASS	30.8
B3 L00 BED (2Ba1)	0.5	PASS	4	PASS	PASS	30.8
B3 L00 BED (3Bc3)	0.4	PASS	4	PASS	PASS	31.2
B3 L00 BED (3Bc2)	0.4	PASS	7	PASS	PASS	31.2
B3 L00 BED (3Bb3)	0.4	PASS	5	PASS	PASS	31.1
B3 L00 BED (3Bc1)	0.4	PASS	5	PASS	PASS	31.2
B3 L00 BED (3Bb2)	0.4	PASS	6	PASS	PASS	31.2
B3 L00 BED (3Bb1)	0.4	PASS	4	PASS	PASS	31
B3 L00 BED (3Bd3)	0.5	PASS	4	PASS	PASS	30.9
B3 L00 BED (3Bd2)	0.5	PASS	6	PASS	PASS	30.9
B3 L00 BED (3Bd1)	0.4	PASS	5	PASS	PASS	30.6
B3 L00 BED (4Be2)	0.4	PASS	5	PASS	PASS	30.4
B3 L00 BED (2Be1)	0.4	PASS	4	PASS	PASS	30.5

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B3 L00 BED (2Bd2)	0.4	PASS	5	PASS	PASS	30.4
B3 L00 BED (2Bd1)	0.4	PASS	4	PASS	PASS	30.4
B3 L00 BED (2Bc1)	0.4	PASS	5	PASS	PASS	30.2
B3 L00 BED (2Bc2)	0.4	PASS	4	PASS	PASS	30.4
B3 L03 BED (2Ba2)	0.5	PASS	4	PASS	PASS	31.1
B3 L03 BED (2Ba1)	0.5	PASS	4	PASS	PASS	31.1
B3 L03 BED (3Ba1)	0.3	PASS	4	PASS	PASS	29.7
B3 L03 BED (3Bc3)	0.5	PASS	4	PASS	PASS	31.7
B3 L03 BED (3Bc2)	0.5	PASS	7	PASS	PASS	31.9
B3 L03 BED (3Bb3)	0.4	PASS	5	PASS	PASS	31.8
B3 L03 BED (3Bc1)	0.5	PASS	5	PASS	PASS	31.9
B3 L03 BED (3Bb2)	0.4	PASS	7	PASS	PASS	31.8
B3 L03 BED (3Bb1)	0.5	PASS	4	PASS	PASS	31.7
B3 L03 BED (3Ba2)	0.4	PASS	5	PASS	PASS	31.4
B3 L03 BED (3Ba3)	0.5	PASS	4	PASS	PASS	31.7
B3 L04 BED (2Ba2)	0.5	PASS	4	PASS	PASS	31
B3 L04 BED (2Ba1)	0.5	PASS	4	PASS	PASS	31
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.21TM59 overheating assessment results for all living/kitchen spaces within Block 3, assessed against DSY2 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L02 KITCHEN (3Bd)*	0.4	PASS	29
B3 L02 KITCHEN (3Bc)*	0.6	PASS	29.5
B3 L02 KITCHEN (3Ba)*	0.4	PASS	28.6
B3 L02 KITCHEN (3Be)*	0.4	PASS	28.9
B3 L02 KITCHEN (3Bb)*	0.5	PASS	29.2
B3 L02 KITCHEN (4B)*	0.5	PASS	29.1
B3 L02 KITCHEN (2Bb)*	0.3	PASS	27.7
B3 L02 LIVING (4Ba)	0.9	PASS	31.5
B3 L02 LIVING/KITCHEN (2Ba)	0.7	PASS	30.6
B3 L01 KITCHEN (3Bc)*	0.5	PASS	29.2
B3 L01 KITCHEN (3Ba)*	0.3	PASS	28.6

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L01 KITCHEN (3Bb)*	0.4	PASS	28.9
B3 L01 KITCHEN (2Bb)*	0.3	PASS	27.7
B3 L01 LIVING/KITCHEN (2Ba)	0.7	PASS	30.4
B3 L01 KITCHEN (3Bd)*	0.5	PASS	29.4
B3 L01 KITCHEN (2Be)*	0.4	PASS	29.1
B3 L01 KITCHEN (2Bd)*	0.4	PASS	29.2
B3 L01 KITCHEN (2Bc)*	0.4	PASS	29.2
B3 L00 KITCHEN (3Bc)*	0.5	PASS	29.7
B3 L00 KITCHEN (3Bb)*	0.5	PASS	29.4
B3 L00 LIVING/KITCHEN (2Ba)	0.7	PASS	30.5
B3 L00 KITCHEN (3Bd)*	0.5	PASS	29.8
B3 L00 KITCHEN (2Be)*	0.4	PASS	29.6
B3 L00 KITCHEN (2Bd)*	0.4	PASS	29.6
B3 L00 KITCHEN (2Bc)*	0.4	PASS	29.7
B3 L03 KITCHEN (3Bc)*	0.8	PASS	30
B3 L03 KITCHEN (3Ba)*	0.4	PASS	28.9
B3 L03 KITCHEN (3Bb)*	0.7	PASS	29.7
B3 L03 LIVING/KITCHEN (2Ba)	0.7	PASS	30.6
B3 L04 LIVING/KITCHEN (2Ba)	0.7	PASS	30.6
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.22TM59 overheating assessment results for all circulation spaces within Block 3, assessed against DSY2 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L02 CORRIDOR a	0	PASS	28.3
B3 L02 CORRIDOR b	0.1	PASS	28.8
B3 L01 CORRIDOR a	0	PASS	28
B3 L01 CORRIDOR b	0.1	PASS	28.7
B3 L00 CORRIDOR b	0.1	PASS	28.7
B3 L00 CORRIDOR a	0	PASS	28.6
B3 L03 CORRIDOR a	0.1	PASS	29.2
B3 L03 CORRIDOR b	0.1	PASS	28.9
B3 L04 CORRIDOR b	0.1	PASS	28.8

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L05 CORRIDOR b	0.1	PASS	28.8
B3 L02 CIRC 32	0	PASS	25.8
B3 L02 CIRC (3B) 23	0	PASS	27.4
B3 L02 CIRC (3B) 24	0	PASS	27
B3 L02 CIRC (3B) 25	0	PASS	27
B3 L02 CIRC (3B) 26	0	PASS	27.2
B3 L02 CIRC (3B) 27	0	PASS	27
B3 L02 CIRC (4B) 28	0	PASS	26.2
B3 L02 CIRC (4B) 29	0	PASS	27.8
B3 L02 STAIR 33	0	PASS	27.7
B3 L02 STAIR 34	0	PASS	26.1
B3 L01 CIRC 35	0	PASS	26
B3 L01 CIRC (3B) 30	0	PASS	27
B3 L01 CIRC (3B) 31	0	PASS	26.9
B3 L01 CIRC (3B) 32	0	PASS	26.8
B3 L01 STAIR 36	0	PASS	27.4
B3 L01 STAIR 37	0	PASS	26.1
B3 L01 CIRC (3B) 33	0	PASS	27
B3 L01 CIRC (2B) 34	0	PASS	26.9
B3 L01 CIRC (2B) 35	0	PASS	27
B3 L01 CIRC (2B) 36	0	PASS	26.8
B3 L00 CIRC (3B) 37	0	PASS	27.3
B3 L00 CIRC (3B) 38	0	PASS	27.2
B3 L00 STAIR 38	0	PASS	27.6
B3 L00 STAIR 39	0	PASS	26.5
B3 L00 CIRC (3B) 39	0	PASS	27.2
B3 L00 CIRC (2B) 40	0	PASS	27.2
B3 L00 CIRC (2B) 41	0	PASS	27.2
B3 L00 CIRC (2B) 42	0	PASS	27.2
B3 L00 CORRIDOR 40	0	PASS	28.1
B3 L00 CIRC 41	0	PASS	27

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L03 CIRC 42	0	PASS	25.9
B3 L03 CIRC (3B) 43	0	PASS	27.8
B3 L03 CIRC (3B) 44	0	PASS	27.6
B3 L03 CIRC (3B) 45	0	PASS	27.4
B3 L03 STAIR 43	0	PASS	28.1
B3 L03 STAIR 44	0	PASS	26
B3 L04 STAIR 45	0	PASS	25.7
B3 L04 CIRC 46	0	PASS	25.5
B3 L05 STAIR 47	0	PASS	25.8
B3 L05 CIRC 48	0	PASS	25.6

D.2.4 Block 4

Table D.23TM59 overheating assessment results for all bedroom and studio spaces within Block 4, assessed against DSY2 2020

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B4 L04 STUDIO r	0.5	PASS	4	PASS	PASS	31.4
B4 L04 STUDIO e	0.5	PASS	6	PASS	PASS	31.4
B4 L04 STUDIO k	0.5	PASS	4	PASS	PASS	31.6
B4 L04 STUDIO b	0.5	PASS	4	PASS	PASS	31.3
B4 L04 STUDIO f	0.5	PASS	4	PASS	PASS	31.2
B4 L04 STUDIO a	0.5	PASS	4	PASS	PASS	31.3
B4 L04 STUDIO g	0.5	PASS	4	PASS	PASS	30.9
B4 L04 STUDIO j	0.5	PASS	4	PASS	PASS	31.6
B4 L04 STUDIO i	0.5	PASS	4	PASS	PASS	31.5
B4 L04 STUDIO h	0.5	PASS	4	PASS	PASS	31.5
B4 L04 STUDIO d	0.4	PASS	4	PASS	PASS	30.4
B4 L04 STUDIO c	0.5	PASS	4	PASS	PASS	31.3
B4 L04 STUDIO	0.5	PASS	4	PASS	PASS	31.3
B4 L05 STUDIO r	0.5	PASS	4	PASS	PASS	31.4
B4 L05 STUDIO e	0.5	PASS	6	PASS	PASS	31.2
B4 L05 STUDIO k	0.5	PASS	4	PASS	PASS	31.5

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L05 STUDIO b	0.5	PASS	4	PASS	PASS	31.2
B4 L05 STUDIO f	0.5	PASS	4	PASS	PASS	30.9
B4 L05 STUDIO a	0.5	PASS	4	PASS	PASS	31.2
B4 L05 STUDIO g	0.4	PASS	5	PASS	PASS	30.8
B4 L05 STUDIO j	0.5	PASS	4	PASS	PASS	31.5
B4 L05 STUDIO i	0.5	PASS	4	PASS	PASS	31.5
B4 L05 STUDIO h	0.5	PASS	4	PASS	PASS	31.4
B4 L05 STUDIO d	0.4	PASS	4	PASS	PASS	30.3
B4 L05 STUDIO c	0.5	PASS	4	PASS	PASS	31.2
B4 L05 STUDIO	0.5	PASS	4	PASS	PASS	31.3
B4 L05 STUDIO q	0.5	PASS	4	PASS	PASS	31.3
B4 L02 BED (2Bc1)	0.4	PASS	4	PASS	PASS	30.5
B4 L02 BED (2Bc2)	0.4	PASS	4	PASS	PASS	30.3
B4 L02 BED (2Bb2)	0.5	PASS	4	PASS	PASS	31.1
B4 L02 BED (2Bb1)	0.5	PASS	4	PASS	PASS	31.2
B4 L01 STUDIO r	0.5	PASS	4	PASS	PASS	31.7
B4 L01 STUDIO q	0.5	PASS	4	PASS	PASS	31.6
B4 L01 STUDIO e	0.5	PASS	6	PASS	PASS	32
B4 L01 STUDIO p	0.5	PASS	4	PASS	PASS	31.7
B4 L01 STUDIO k	0.6	PASS	4	PASS	PASS	32.1
B4 L01 STUDIO b	0.5	PASS	4	PASS	PASS	31.8
B4 L01 STUDIO f	0.5	PASS	5	PASS	PASS	31.8
B4 L01 STUDIO a	0.5	PASS	4	PASS	PASS	31.8
B4 L01 STUDIO g	0.5	PASS	6	PASS	PASS	31.5
B4 L01 STUDIO j	0.6	PASS	4	PASS	PASS	32
B4 L01 STUDIO i	0.6	PASS	4	PASS	PASS	32
B4 L01 STUDIO h	0.6	PASS	5	PASS	PASS	32.1
B4 L01 STUDIO d	0.4	PASS	4	PASS	PASS	30.9
B4 L01 STUDIO n	0.5	PASS	4	PASS	PASS	31.5
B4 L01 STUDIO m	0.6	PASS	4	PASS	PASS	32
B4 L01 STUDIO o	0.5	PASS	4	PASS	PASS	31.7

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L01 STUDIO c	0.5	PASS	4	PASS	PASS	31.8
B4 L01	0.5	PASS	4	PASS	PASS	31.7
B4 L06 BED (2Bb1)	0.5	PASS	4	PASS	PASS	30.9
B4 L06 STUDIO a	0.5	PASS	4	PASS	PASS	31.3
B4 L06 STUDIO r	0.5	PASS	4	PASS	PASS	31.5
B4 L00 STUDIO c	0.5	PASS	5	PASS	PASS	31.8
B4 L00 STUDIO b	0.5	PASS	5	PASS	PASS	31.9
B4 L00 STUDIO a	0.5	PASS	5	PASS	PASS	31.9
B4 L03 STUDIO a	0.5	PASS	4	PASS	PASS	31.3
B4 L03 STUDIO b	0.5	PASS	4	PASS	PASS	31.3
B4 L03 STUDIO c	0.5	PASS	4	PASS	PASS	31.3
B4 L03 STUDIO j	0.5	PASS	4	PASS	PASS	31.6
B4 L03 STUDIO	0.5	PASS	4	PASS	PASS	31.3
B4 L03 STUDIO n	0.4	PASS	4	PASS	PASS	31
B4 L03 BED (3Bc1)	0.5	PASS	4	PASS	PASS	30.6
B4 L03 STUDIO o	0.4	PASS	4	PASS	PASS	31.2
B4 L03 BED (3Ba2)	0.8	PASS	5	PASS	PASS	32.5
B4 L03 BED (3Ba3)	0.8	PASS	5	PASS	PASS	32.4
B4 L03 BED (2Ba2)	0.5	PASS	4	PASS	PASS	31.2
B4 L03 STUDIO e	0.5	PASS	6	PASS	PASS	31.5
B4 L03 STUDIO g	0.5	PASS	4	PASS	PASS	30.9
B4 L03 STUDIO h	0.5	PASS	4	PASS	PASS	31.5
B4 L03 STUDIO d	0.4	PASS	4	PASS	PASS	30.4
B4 L05 BED (2Ba1)	0.5	PASS	4	PASS	PASS	31
B4 L04 STUDIO q	0.5	PASS	4	PASS	PASS	31.4
B4 L04 BED (2Bb2)	0.5	PASS	4	PASS	PASS	31.2
B4 L04 BED (2Bb1)	0.5	PASS	4	PASS	PASS	31.2
B4 L04 BED (2Ba2)	0.5	PASS	4	PASS	PASS	31.2
B4 L04 BED (2Ba1)	0.5	PASS	4	PASS	PASS	31.2
B4 L02 BED (3Bc1)	0.5	PASS	5	PASS	PASS	30.7
B4 L02 STUDIO i	0.5	PASS	4	PASS	PASS	31.6

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L02 STUDIO h	0.5	PASS	4	PASS	PASS	31.5
B4 L02 STUDIO d	0.4	PASS	4	PASS	PASS	30.4
B4 L02 STUDIO n	0.4	PASS	4	PASS	PASS	31.2
B4 L02 STUDIO m	0.4	PASS	4	PASS	PASS	31.4
B4 L02 STUDIO o	0.5	PASS	4	PASS	PASS	31.4
B4 L01 BED (2Bb2)	0.5	PASS	4	PASS	PASS	31
B4 L01 BED (2Bb1)	0.5	PASS	4	PASS	PASS	31.1
B4 L01 BED (2Ba2)	0.5	PASS	4	PASS	PASS	31.6
B4 L01 BED (2Ba1)	0.5	PASS	4	PASS	PASS	31.5
B4 L01 BED (3Ba1)	0.7	PASS	7	PASS	PASS	32.3
B4 L01 BED (3Ba2)	1	PASS	7	PASS	PASS	33.1
B4 L06 STUDIO c	0.5	PASS	4	PASS	PASS	31.3
B4 L06 STUDIO	0.5	PASS	4	PASS	PASS	31.1
B4 L07 STUDIO j	0.5	PASS	4	PASS	PASS	31.5
B4 L07 STUDIO i	0.5	PASS	4	PASS	PASS	31.5
B4 L07 STUDIO h	0.5	PASS	4	PASS	PASS	31.4
B4 L07 STUDIO d	0.4	PASS	4	PASS	PASS	30.4
B4 L07 STUDIO c	0.5	PASS	4	PASS	PASS	31.3
B4 L07 STUDIO	0.5	PASS	4	PASS	PASS	31.1
B4 L08 STUDIO r	0.5	PASS	4	PASS	PASS	31.4
B4 L08 STUDIO k	0.5	PASS	4	PASS	PASS	31.3
B4 L08 STUDIO b	0.5	PASS	4	PASS	PASS	31.3
B4 L08 STUDIO g	0.4	PASS	4	PASS	PASS	30.6
B4 L08 STUDIO j	0.5	PASS	4	PASS	PASS	31.3
B4 L08 STUDIO a	0.5	PASS	4	PASS	PASS	31.2
B4 L00 BED (2Ba1)	0.5	PASS	4	PASS	PASS	31.5
B4 L00 BED (2Ba2)	0.5	PASS	4	PASS	PASS	31.6
B4 L00 STUDIO f	0.5	PASS	4	PASS	PASS	31.6
B4 L00 STUDIO g	0.5	PASS	4	PASS	PASS	31.3
B4 L00 STUDIO h	0.6	PASS	4	PASS	PASS	31.8
B4 L00 STUDIO i	0.5	PASS	5	PASS	PASS	31.8

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L00 STUDIO j	0.5	PASS	4	PASS	PASS	31.2
B4 L05 BED (2Bb2)	0.5	PASS	4	PASS	PASS	31.1
B4 L07 BED (2Bb2)	0.5	PASS	4	PASS	PASS	30.8
B4 L06 BED (2Bb2)	0.5	PASS	4	PASS	PASS	30.8
B4 L07 BED (2Bb1)	0.5	PASS	4	PASS	PASS	30.8
B4 L03 STUDIO f	0.5	PASS	4	PASS	PASS	31.2
B4 L03 BED (2Bb1)	0.5	PASS	4	PASS	PASS	31.2
B4 L03 BED (2Bb2)	0.5	PASS	4	PASS	PASS	31.1
B4 L03 STUDIO p	0.4	PASS	4	PASS	PASS	31.2
B4 L05 BED (2Bb1)	0.5	PASS	4	PASS	PASS	31.2
B4 L03 BED (3Bc3)	0.4	PASS	4	PASS	PASS	30.5
B4 L03 BED (3Bc2)	0.5	PASS	4	PASS	PASS	30.9
B4 L03 BED (2Bc1)	0.4	PASS	4	PASS	PASS	30.3
B4 L03 BED (2Bc2)	0.4	PASS	4	PASS	PASS	30.2
B4 L03 STUDIO q	0.5	PASS	4	PASS	PASS	31.3
B4 L03 STUDIO r	0.5	PASS	4	PASS	PASS	31.3
B4 L03 BED (3Ba1)	0.4	PASS	4	PASS	PASS	31.6
B4 L03 STUDIO m	0.4	PASS	4	PASS	PASS	31.2
B4 L05 BED (2Ba2)	0.5	PASS	4	PASS	PASS	31.1
B4 L03 BED (3Bb1)	0.7	PASS	5	PASS	PASS	32.3
B4 L03 BED (3Bb2)	0.8	PASS	5	PASS	PASS	32.5
B4 L03 BED (3Bb3)	0.4	PASS	4	PASS	PASS	31.2
B4 L03 BED (2Ba1)	0.5	PASS	4	PASS	PASS	31.2
B4 L03 STUDIO i	0.5	PASS	4	PASS	PASS	31.5
B4 L03 STUDIO k	0.5	PASS	4	PASS	PASS	31.6
B4 L02 BED (2Ba2)	0.5	PASS	4	PASS	PASS	31.2
B4 L02 BED (2Ba1)	0.5	PASS	4	PASS	PASS	31.2
B4 L02 BED (3Ba1)	0.5	PASS	5	PASS	PASS	31.8
B4 L02 BED (3Ba2)	0.8	PASS	7	PASS	PASS	32.7
B4 L02 BED (3Bb2)	0.8	PASS	7	PASS	PASS	32.7
B4 L02 BED (3Bb3)	0.4	PASS	4	PASS	PASS	31.4

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L02 BED (3Ba3)	0.8	PASS	7	PASS	PASS	32.6
B4 L02 BED (3Bb1)	0.8	PASS	7	PASS	PASS	32.5
B4 L02 BED (3Bc3)	0.5	PASS	4	PASS	PASS	30.6
B4 L02 BED (3Bc2)	0.5	PASS	4	PASS	PASS	31
B4 L02 STUDIO r	0.5	PASS	4	PASS	PASS	31.3
B4 L02 STUDIO q	0.5	PASS	4	PASS	PASS	31.3
B4 L02 STUDIO e	0.5	PASS	6	PASS	PASS	31.5
B4 L02 STUDIO p	0.5	PASS	4	PASS	PASS	31.3
B4 L02 STUDIO k	0.5	PASS	4	PASS	PASS	31.6
B4 L02 STUDIO b	0.5	PASS	4	PASS	PASS	31.3
B4 L02 STUDIO f	0.5	PASS	4	PASS	PASS	31.2
B4 L02 STUDIO a	0.5	PASS	4	PASS	PASS	31.3
B4 L02 STUDIO g	0.5	PASS	5	PASS	PASS	30.9
B4 L02 STUDIO j	0.5	PASS	4	PASS	PASS	31.6
B4 L02 STUDIO c	0.5	PASS	4	PASS	PASS	31.3
B4 L02 Studio	0.5	PASS	4	PASS	PASS	31.3
B4 L01 BED (2Bc1)	0.5	PASS	5	PASS	PASS	30.8
B4 L01 BED (2Bc2)	0.5	PASS	5	PASS	PASS	30.7
B4 L01 BED (3Bb2)	1.1	PASS	7	PASS	PASS	33.2
B4 L01 BED (3Bb3)	0.6	PASS	7	PASS	PASS	32
B4 L01 BED (3Ba3)	1	PASS	7	PASS	PASS	33.1
B4 L01 BED (3Bb1)	1	PASS	7	PASS	PASS	33
B4 L01 BED (3Bc3)	0.5	PASS	5	PASS	PASS	31
B4 L01 BED (3Bc2)	0.5	PASS	6	PASS	PASS	31.4
B4 L01 BED (3Bc1)	0.5	PASS	7	PASS	PASS	31.1
B4 L06 STUDIO k	0.5	PASS	4	PASS	PASS	31.5
B4 L06 STUDIO b	0.5	PASS	4	PASS	PASS	31.3
B4 L06 STUDIO g	0.5	PASS	4	PASS	PASS	30.8
B4 L06 STUDIO j	0.5	PASS	4	PASS	PASS	31.5
B4 L06 STUDIO i	0.5	PASS	4	PASS	PASS	31.5
B4 L06 STUDIO h	0.5	PASS	4	PASS	PASS	31.4

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L06 STUDIO d	0.4	PASS	4	PASS	PASS	30.4
B4 L06 STUDIO q	0.5	PASS	4	PASS	PASS	31.4
B4 L07 STUDIO r	0.5	PASS	4	PASS	PASS	31.5
B4 L07 STUDIO k	0.5	PASS	4	PASS	PASS	31.5
B4 L07 STUDIO b	0.5	PASS	4	PASS	PASS	31.4
B4 L07 STUDIO g	0.5	PASS	4	PASS	PASS	30.8
B4 L07 STUDIO q	0.5	PASS	4	PASS	PASS	31.4
B4 L07 STUDIO a	0.5	PASS	4	PASS	PASS	31.3
B4 L08 BED (2Bb2)	0.5	PASS	4	PASS	PASS	30.6
B4 L08 BED (2Bb1)	0.5	PASS	4	PASS	PASS	30.6
B4 L08 STUDIO i	0.5	PASS	4	PASS	PASS	31.3
B4 L08 STUDIO h	0.5	PASS	4	PASS	PASS	31.2
B4 L08 STUDIO d	0.4	PASS	4	PASS	PASS	30.3
B4 L08 STUDIO c	0.5	PASS	4	PASS	PASS	31.3
B4 L08 STUDIO	0.5	PASS	4	PASS	PASS	30.9
B4 L08 STUDIO q	0.5	PASS	4	PASS	PASS	31.3
B4 L00 STUDIO d	0.5	PASS	4	PASS	PASS	31.4
B4 L00 STUDIO e	0.5	PASS	5	PASS	PASS	31.8
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.24TM59 overheating assessment results for all living/kitchen spaces within Block 4, assessed against DSY2 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (°C)
B4 L00 LIVING/KITCHEN (2Ba)	1.4	PASS	32.7
B4 L01 KITCHEN (3Ba)	0.7	PASS	31.6
B4 L01 KITCHEN (3Bb)	0.7	PASS	31.5
B4 L01 KITCHEN (2Bc)	0.6	PASS	31.3
B4 L01 LIVING/KITCHEN (2Ba)	1.6	PASS	32.9
B4 L01 LIVING/KITCHEN (2Bb)	0.8	PASS	31.3
B4 L01 LIVING/KITCHEN (3Bc)	1.6	PASS	32.6
B4 L02 KITCHEN (3Ba)	0.6	PASS	30.9
B4 L02 KITCHEN (3Bb)	0.4	PASS	30.8
B4 L02 KITCHEN (2Bc)	0.4	PASS	30.6

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B4 L02 LIVING/KITCHEN (2Ba)	1.2	PASS	32.4
B4 L02 LIVING/KITCHEN (2Bb)	0.8	PASS	31.1
B4 L02 LIVING/KITCHEN (3Bc)	1.2	PASS	32.2
B4 L03 KITCHEN (3Ba)	0.4	PASS	30.6
B4 L03 KITCHEN (3Bb)	0.4	PASS	30.6
B4 L03 KITCHEN (2Bc)	0.4	PASS	30.5
B4 L03 LIVING/KITCHEN (2Ba)	1.2	PASS	32.4
B4 L03 LIVING/KITCHEN (2Bb)	0.8	PASS	31.2
B4 L03 LIVING/KITCHEN (3Bc)	1.2	PASS	32.1
B4 L04 LIVING/KITCHEN (2Ba)	1.2	PASS	32.3
B4 L04 LIVING/KITCHEN (2Bb)	0.8	PASS	31.2
B4 L05 LIVING/KITCHEN (2Ba)	1	PASS	32.1
B4 L05 LIVING/KITCHEN (2Bb)	0.8	PASS	31.2
B4 L06 LIVING/KITCHEN (2Bb)	0.8	PASS	31.3
B4 L07 LIVING/KITCHEN (2Bb)	0.8	PASS	31.2
B4 L08 LIVING/KITCHEN (2Bb)	0.8	PASS	31.1
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.25 TM59 overheating assessment results for all circulation spaces within Block 4, assessed against DSY2 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B4 L00 CIRC	0.2	PASS	29.3
B4 L00 CORRIDOR a	0.2	PASS	30.1
B4 L00 RECEPTION	0	PASS	26.9
B4 L01 CORRIDOR a	0.3	PASS	30.6
B4 L02 CORRIDOR a	0.2	PASS	29.9
B4 L02 CORRIDOR b	0.2	PASS	29.7
B4 L03 CORRIDOR a	0.2	PASS	29.8
B4 L03 CORRIDOR b	0.2	PASS	29.5
B4 L04 CORRIDOR a	0.2	PASS	29.8
B4 L04 CORRIDOR b	0.2	PASS	29.5
B4 L05 CORRIDOR a	0.2	PASS	29.7
B4 L05 CORRIDOR b	0.2	PASS	29.4

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B4 L06 CORRIDOR a	0.2	PASS	29.6
B4 L06 CORRIDOR b	0.2	PASS	29.4
B4 L07 CORRIDOR a	0.2	PASS	29.6
B4 L07 CORRIDOR b	0.2	PASS	29.4
B4 L08 CORRIDOR a	0.2	PASS	29.4
B4 L08 CORRIDOR b	0.2	PASS	29.2
B4 L01 CORRIDOR b	0.3	PASS	30.4

D.2.5 Block 5+

Table D.26 TM59 overheating assessment results for all bedroom and studio spaces within block 5+, assessed against DSY2 2020

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L03 STUDIO ap	0.6	PASS	8	PASS	PASS	31.7
B5 L03 STUDIO ao	0.6	PASS	8	PASS	PASS	31.8
B5 L03 STUDIO an	0.5	PASS	8	PASS	PASS	31.7
B5 L03 BED (2Bc1)	0.6	PASS	7	PASS	PASS	31.6
B5 L02 BED (2Bc2)	0.5	PASS	7	PASS	PASS	30.7
B5 L02 BED (2Bc1)	0.6	PASS	7	PASS	PASS	31.6
B5 L02 BED (2Bb1)	0.4	PASS	4	PASS	PASS	30.8
B5 L02 BED (3Ba3)	0.5	PASS	4	PASS	PASS	31.1
B5 L02 BED (3Ba1)	0.5	PASS	4	PASS	PASS	31.2
B5 L02 BED (3Ba2)	0.5	PASS	4	PASS	PASS	31.2
B5 L02 BED (4Ba1)	0.5	PASS	5	PASS	PASS	31.6
B5 L02 BED (2Ba1)	0.5	PASS	4	PASS	PASS	31
B5 L02 BED (4Ba3)	0.5	PASS	5	PASS	PASS	31.3
B5 L02 BED (4Ba4)	0.5	PASS	6	PASS	PASS	31.2
B5 L02 BED (2Ba2)	0.5	PASS	4	PASS	PASS	31.6
B5 L02 BED (4Ba2)	0.5	PASS	5	PASS	PASS	31.6
B5 L01 STUDIO ad	1.6	PASS	9	PASS	PASS	33.7
B5 L01 STUDIO l	0.5	PASS	4	PASS	PASS	31.8
B5 L01 STUDIO o	0.6	PASS	4	PASS	PASS	32
B5 L01 STUDIO ag	1.2	PASS	8	PASS	PASS	33.7
B5 L01 STUDIO ac	1.5	PASS	9	PASS	PASS	33.6

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L01 STUDIO ah	1.3	PASS	8	PASS	PASS	34.1
B5 L01 STUDIO j	0.5	PASS	4	PASS	PASS	31.8
B5 L01 STUDIO ae	1.5	PASS	9	PASS	PASS	33.7
B5 L01 STUDIO i	0.5	PASS	4	PASS	PASS	31.8
B5 L01 STUDIO aj	1.3	PASS	8	PASS	PASS	34.1
B5 L01 STUDIO n	0.4	PASS	4	PASS	PASS	31
B5 L01 STUDIO ak	1.3	PASS	8	PASS	PASS	34
B5 L01 STUDIO g	0.5	PASS	6	PASS	PASS	31.8
B5 L01 STUDIO m	0.5	PASS	4	PASS	PASS	31.7
B5 L01 STUDIO d	0.5	PASS	6	PASS	PASS	31.6
B5 L01 STUDIO am	0.7	PASS	5	PASS	PASS	32.6
B5 L01 STUDIO b	0.5	PASS	4	PASS	PASS	31.6
B5 L01 STUDIO c	0.5	PASS	5	PASS	PASS	31.6
B5 L01 STUDIO ai	1.3	PASS	8	PASS	PASS	34
B5 L01 STUDIO a	0.5	PASS	4	PASS	PASS	31.6
B5 L01 STUDIO f	0.4	PASS	9	PASS	PASS	31.3
B5 L01 STUDIO aw	0.5	PASS	8	PASS	PASS	31.7
B5 L01 STUDIO ax	0.4	PASS	5	PASS	PASS	31
B5 L01 STUDIO e	0.5	PASS	5	PASS	PASS	31.6
B5 L01 STUDIO au	0.5	PASS	5	PASS	PASS	32
B5 L01 STUDIO aa	0.6	PASS	7	PASS	PASS	31.8
B5 L01 STUDIO at	0.5	PASS	5	PASS	PASS	31.9
B5 L01 STUDIO p	0.4	PASS	5	PASS	PASS	31.2
B5 L01 STUDIO af	1.3	PASS	9	PASS	PASS	33.4
B5 L01 STUDIO k	0.5	PASS	4	PASS	PASS	31.8
B5 L01 STUDIO ar	0.5	PASS	6	PASS	PASS	32.3
B5 L01 STUDIO ab	1.2	PASS	9	PASS	PASS	33.1
B5 L01 STUDIO aq	0.6	PASS	6	PASS	PASS	32.3
B5 L01 STUDIO ao	0.8	PASS	9	PASS	PASS	32.4
B5 L01 STUDIO ap	0.8	PASS	9	PASS	PASS	32.3
B5 L01 STUDIO h	0.5	PASS	4	PASS	PASS	31.9

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L01 STUDIO an	0.7	PASS	9	PASS	PASS	32.3
B5 L01 STUDIO al	1.2	PASS	7	PASS	PASS	33.9
B5 L01 STUDIO	0.6	PASS	6	PASS	PASS	32.3
B5 L01 STUDIO av	0.5	PASS	5	PASS	PASS	32
B5 L04 BED (2Bb2)	0.5	PASS	4	PASS	PASS	30.9
B5 L04 BED (2Bc2)	0.5	PASS	7	PASS	PASS	30.7
B5 L04 BED (2Bc1)	0.6	PASS	7	PASS	PASS	31.6
B5 L04 BED (2Bb1)	0.5	PASS	4	PASS	PASS	30.9
B5 L04 BED (3Ba3)	0.5	PASS	4	PASS	PASS	31.1
B5 L04 BED (3Ba1)	0.5	PASS	4	PASS	PASS	31.3
B5 L04 BED (3Ba2)	0.5	PASS	4	PASS	PASS	31.2
B5 L04 BED (4Ba1)	0.7	PASS	5	PASS	PASS	32.3
B5 L05 BED (2Bc2)	0.5	PASS	7	PASS	PASS	30.7
B5 L04 BED (4Ba3)	0.6	PASS	6	PASS	PASS	32.1
B5 L04 BED (4Ba4)	0.6	PASS	7	PASS	PASS	32
B5 L05 BED (2Bc1)	0.6	PASS	7	PASS	PASS	31.6
B5 L05 BED (2Bb1)	0.5	PASS	4	PASS	PASS	30.9
B5 L04 BED (4Ba2)	0.7	PASS	6	PASS	PASS	32.4
B5 L05 BED (3Ba3)	0.5	PASS	4	PASS	PASS	31.1
B5 L05 BED (3Ba1)	0.5	PASS	4	PASS	PASS	31.3
B5 L05 BED (3Ba2)	0.5	PASS	4	PASS	PASS	31.3
B5 L05 BED (4Ba1)	0.7	PASS	5	PASS	PASS	32.4
B5 L05 BED (4Ba3)	0.7	PASS	7	PASS	PASS	32.2
B5 L05 BED (4Ba4)	0.7	PASS	7	PASS	PASS	32.1
B5 L05 BED (4Ba2)	0.8	PASS	7	PASS	PASS	32.4
B5 L05 STUDIO ak	0.9	PASS	6	PASS	PASS	33.3
B5 L05 STUDIO m	0.5	PASS	5	PASS	PASS	31.2
B5 L05 STUDIO am	0.7	PASS	6	PASS	PASS	32.7
B5 L05 STUDIO ai	0.9	PASS	6	PASS	PASS	33.2
B5 L05 STUDIO aw	0.5	PASS	6	PASS	PASS	31.3
B5 L05 STUDIO ax	0.4	PASS	4	PASS	PASS	30.6

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L05 STUDIO au	0.5	PASS	4	PASS	PASS	31.5
B5 L05 STUDIO aa	0.6	PASS	7	PASS	PASS	31.8
B5 L05 STUDIO at	0.5	PASS	4	PASS	PASS	31.4
B5 L05 STUDIO p	0.4	PASS	4	PASS	PASS	30.8
B5 L05 STUDIO af	1	PASS	8	PASS	PASS	32.7
B5 L05 STUDIO ar	0.5	PASS	4	PASS	PASS	31.7
B5 L05 STUDIO ab	1.2	PASS	8	PASS	PASS	33.1
B5 L05 STUDIO aq	0.5	PASS	4	PASS	PASS	31.8
B5 L05 STUDIO ao	0.6	PASS	8	PASS	PASS	31.8
B5 L05 STUDIO ap	0.6	PASS	8	PASS	PASS	31.7
B5 L05 STUDIO an	0.5	PASS	8	PASS	PASS	31.7
B5 L05 STUDIO al	0.9	PASS	6	PASS	PASS	33.2
B5 L05 STUDIO	0.5	PASS	4	PASS	PASS	31.7
B5 L05 STUDIO av	0.5	PASS	4	PASS	PASS	31.6
B5 L06 BED (2Bb2)	0.5	PASS	4	PASS	PASS	31
B5 L06 BED (2Bc2)	0.5	PASS	7	PASS	PASS	30.6
B5 L06 BED (2Bc1)	0.5	PASS	5	PASS	PASS	31.4
B5 L06 BED (2Bb1)	0.5	PASS	4	PASS	PASS	31
B5 L06 BED (3Ba3)	0.5	PASS	4	PASS	PASS	31.1
B5 L06 BED (3Ba1)	0.5	PASS	4	PASS	PASS	31.3
B5 L06 BED (3Ba2)	0.5	PASS	4	PASS	PASS	31.3
B5 L06 BED (4Ba1)	0.9	PASS	7	PASS	PASS	32.8
B5 L06 BED (4Ba3)	0.8	PASS	7	PASS	PASS	32.6
B5 L06 BED (4Ba4)	0.8	PASS	7	PASS	PASS	32.6
B5 L06 BED (4Ba2)	1	PASS	7	PASS	PASS	32.9
B5 L07 STUDIO o	0.5	PASS	4	PASS	PASS	31.6
B5 L07 STUDIO n	0.4	PASS	5	PASS	PASS	30.8
B5 L07 STUDIO m	0.5	PASS	6	PASS	PASS	31.2
B5 L07 STUDIO p	0.4	PASS	4	PASS	PASS	30.9
B5 L08 BED (2Bb2)	0.5	PASS	4	PASS	PASS	31
B5 L08 BED (2Bb1)	0.5	PASS	4	PASS	PASS	31

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L08 BED (3Ba3)	0.5	PASS	4	PASS	PASS	31.1
B5 L08 BED (3Ba1)	0.5	PASS	4	PASS	PASS	31.3
B5 L08 BED (3Ba2)	0.5	PASS	4	PASS	PASS	31.3
B5 L08 BED (4Ba1)	1	PASS	8	PASS	PASS	33.2
B5 L08 BED (4Ba3)	1	PASS	8	PASS	PASS	33
B5 L08 BED (4Ba4)	1	PASS	8	PASS	PASS	32.9
B5 L08 BED (4Ba2)	1.1	PASS	8	PASS	PASS	33.3
B5 L08 STUDIO o	0.5	PASS	4	PASS	PASS	31.6
B5 L08 STUDIO n	0.4	PASS	5	PASS	PASS	30.8
B5 L08 STUDIO m	0.5	PASS	6	PASS	PASS	31.2
B5 L08 STUDIO p	0.4	PASS	4	PASS	PASS	30.9
B5 L09 BED (2Bb2)	0.5	PASS	4	PASS	PASS	31
B5 L09 BED (2Bb1)	0.5	PASS	4	PASS	PASS	31
B5 L09 BED (3Ba3)	0.5	PASS	4	PASS	PASS	31.1
B5 L09 BED (3Ba1)	0.5	PASS	4	PASS	PASS	31.3
B5 L09 BED (3Ba2)	0.5	PASS	4	PASS	PASS	31.3
B5 L09 BED (4Ba1)	1	PASS	8	PASS	PASS	33.2
B5 L09 BED (4Ba3)	1	PASS	8	PASS	PASS	33
B5 L09 BED (4Ba4)	1	PASS	8	PASS	PASS	32.9
B5 L09 BED (4Ba2)	1.1	PASS	8	PASS	PASS	33.3
B5 L09 STUDIO o	0.5	PASS	4	PASS	PASS	31.6
B5 L09 STUDIO n	0.4	PASS	5	PASS	PASS	30.8
B5 L09 STUDIO m	0.5	PASS	6	PASS	PASS	31.2
B5 L09 STUDIO p	0.4	PASS	4	PASS	PASS	30.9
B5 L05 BED (2Bb2)	0.5	PASS	4	PASS	PASS	31
B5 L11 BED (2Bb2)	0.5	PASS	4	PASS	PASS	30.9
B5 L11 BED (2Bb1)	0.4	PASS	4	PASS	PASS	30.8
B5 L03 STUDIO l	0.5	PASS	4	PASS	PASS	31.4
B5 L03 STUDIO n	0.4	PASS	4	PASS	PASS	30.6
B5 L03 STUDIO ab	1.1	PASS	8	PASS	PASS	32.7
B5 L03 STUDIO ac	1.3	PASS	8	PASS	PASS	33.3

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L03 STUDIO al	0.9	PASS	6	PASS	PASS	33.3
B5 L03 STUDIO am	0.7	PASS	6	PASS	PASS	32.7
B5 L03 BED (2Ba1)	0.4	PASS	4	PASS	PASS	30.8
B5 L03 STUDIO g	0.5	PASS	4	PASS	PASS	31.2
B5 L03 STUDIO i	0.5	PASS	4	PASS	PASS	31.2
B5 L03 BED (3Ba1)	0.5	PASS	4	PASS	PASS	31.3
B5 L03 BED (3Ba2)	0.5	PASS	4	PASS	PASS	31.2
B5 L03 BED (3Ba3)	0.5	PASS	4	PASS	PASS	31.1
B5 L03 BED (2Bb1)	0.5	PASS	4	PASS	PASS	30.8
B5 L03 STUDIO av	0.5	PASS	4	PASS	PASS	31.6
B5 L03 STUDIO at	0.5	PASS	4	PASS	PASS	31.4
B5 L03 STUDIO	0.5	PASS	4	PASS	PASS	31.7
B5 L03 STUDIO aw	0.5	PASS	6	PASS	PASS	31.3
B5 L03 STUDIO ar	0.5	PASS	4	PASS	PASS	31.7
B5 L03 STUDIO aq	0.5	PASS	4	PASS	PASS	31.8
B5 L02 STUDIO o	0.5	PASS	4	PASS	PASS	31.5
B5 L02 STUDIO ag	0.9	PASS	6	PASS	PASS	33
B5 L02 STUDIO ac	1.3	PASS	8	PASS	PASS	33.1
B5 L02 STUDIO ah	0.9	PASS	6	PASS	PASS	33.3
B5 L02 STUDIO j	0.5	PASS	4	PASS	PASS	31.3
B5 L02 STUDIO ae	1.3	PASS	9	PASS	PASS	33.3
B5 L02 STUDIO ai	0.9	PASS	6	PASS	PASS	33.3
B5 L02 STUDIO a	0.4	PASS	4	PASS	PASS	31
B5 L02 STUDIO f	0.4	PASS	6	PASS	PASS	30.8
B5 L02 STUDIO aw	0.5	PASS	6	PASS	PASS	31.2
B5 L02 STUDIO ax	0.4	PASS	4	PASS	PASS	30.5
B5 L02 STUDIO e	0.5	PASS	4	PASS	PASS	31.4
B5 L02 STUDIO ap	0.6	PASS	8	PASS	PASS	31.7
B5 L02 STUDIO h	0.5	PASS	4	PASS	PASS	31.4
B5 L02 STUDIO an	0.5	PASS	8	PASS	PASS	31.7
B5 L02 STUDIO al	0.9	PASS	6	PASS	PASS	33.3

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L02 STUDIO	0.5	PASS	4	PASS	PASS	31.7
B5 L02 STUDIO av	0.5	PASS	4	PASS	PASS	31.5
B5 L01 BED (3Ba3)	0.5	PASS	4	PASS	PASS	31.5
B5 L01 BED (3Ba1)	0.5	PASS	4	PASS	PASS	31.6
B5 L01 BED (3Ba2)	0.5	PASS	4	PASS	PASS	31.5
B5 L01 BED (4Ba1)	0.5	PASS	6	PASS	PASS	32
B5 L01 BED (2Ba1)	0.5	PASS	4	PASS	PASS	31.4
B5 L01 BED (4Ba3)	0.5	PASS	5	PASS	PASS	31.7
B5 L04 STUDIO ad	1.3	PASS	9	PASS	PASS	33.6
B5 L04 STUDIO ak	0.9	PASS	6	PASS	PASS	33.3
B5 L04 STUDIO m	0.5	PASS	5	PASS	PASS	31.1
B5 L04 STUDIO am	0.7	PASS	6	PASS	PASS	32.7
B5 L04 STUDIO p	0.4	PASS	4	PASS	PASS	30.8
B5 L04 STUDIO af	1	PASS	8	PASS	PASS	32.7
B5 L04 STUDIO ar	0.5	PASS	4	PASS	PASS	31.7
B5 L04 STUDIO ab	1.2	PASS	8	PASS	PASS	33.1
B5 L04 STUDIO aq	0.5	PASS	4	PASS	PASS	31.8
B5 L05 STUDIO ag	0.9	PASS	6	PASS	PASS	32.9
B5 L05 STUDIO ac	1.3	PASS	9	PASS	PASS	33.6
B5 L05 STUDIO ah	0.9	PASS	6	PASS	PASS	33.3
B5 L05 STUDIO ae	1.3	PASS	9	PASS	PASS	33.3
B5 L05 STUDIO aj	0.9	PASS	6	PASS	PASS	33.3
B5 L05 STUDIO n	0.4	PASS	5	PASS	PASS	30.7
B5 L06 STUDIO ae	1.2	PASS	8	PASS	PASS	33.1
B5 L06 STUDIO aj	0.8	PASS	4	PASS	PASS	33.1
B5 L06 STUDIO n	0.4	PASS	5	PASS	PASS	30.7
B5 L06 STUDIO ak	0.8	PASS	5	PASS	PASS	33.1
B5 L06 STUDIO m	0.5	PASS	5	PASS	PASS	31.2
B5 L06 STUDIO am	0.7	PASS	5	PASS	PASS	32.5
B5 L06 STUDIO aq	0.5	PASS	4	PASS	PASS	31.6
B5 L06 STUDIO ao	0.6	PASS	7	PASS	PASS	31.7

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L06 STUDIO ap	0.5	PASS	7	PASS	PASS	31.5
B5 L06 STUDIO an	0.5	PASS	7	PASS	PASS	31.5
B5 L06 STUDIO al	0.8	PASS	4	PASS	PASS	33
B5 L06 STUDIO	0.5	PASS	4	PASS	PASS	31.6
B5 L10 BED (3Ba1)	0.5	PASS	4	PASS	PASS	31.3
B5 L10 BED (3Ba2)	0.5	PASS	4	PASS	PASS	31.3
B5 L10 BED (4Ba1)	1	PASS	8	PASS	PASS	33.2
B5 L10 BED (4Ba3)	1	PASS	8	PASS	PASS	33
B5 L10 BED (4Ba4)	1	PASS	8	PASS	PASS	32.9
B5 L10 BED (4Ba2)	1.1	PASS	8	PASS	PASS	33.3
B5 L11 BED (4Ba4)	0.9	PASS	8	PASS	PASS	32.7
B5 L11 BED (4Ba2)	1	PASS	8	PASS	PASS	33.1
B5 L10 STUDIO m	0.5	PASS	6	PASS	PASS	31.2
B5 L07 BED (2Bb1)	0.5	PASS	4	PASS	PASS	31
B5 L07 BED (3Ba3)	0.5	PASS	4	PASS	PASS	31.1
B5 L07 BED (3Ba1)	0.5	PASS	4	PASS	PASS	31.3
B5 L07 BED (3Ba2)	0.5	PASS	4	PASS	PASS	31.3
B5 L07 BED (4Ba1)	1	PASS	7	PASS	PASS	33
B5 L00 STUDIO aj	1.2	PASS	7	PASS	PASS	34
B5 L00 STUDIO ak	1.2	PASS	7	PASS	PASS	33.9
B5 L00 STUDIO ai	1.2	PASS	7	PASS	PASS	33.8
B5 L00 STUDIO aw	0.5	PASS	6	PASS	PASS	31.4
B5 L00 STUDIO ax	0.4	PASS	4	PASS	PASS	30.6
B5 L00 STUDIO al	1	PASS	8	PASS	PASS	33.5
B5 L00 STUDIO av	0.5	PASS	5	PASS	PASS	31.8
B5 L00 STUDIO ab	0.9	PASS	8	PASS	PASS	32.3
B5 L00 BED (2Ba1)	0.4	PASS	3	PASS	PASS	30.7
B5 L00 STUDIO b	0.3	PASS	3	PASS	PASS	29.8
B5 L00 STUDIO a	0.4	PASS	3	PASS	PASS	30.3
B5 L00 STUDIO e	0.4	PASS	2	PASS	PASS	30.9
B5 L00 BED (2Bc2)	0.5	PASS	9	PASS	PASS	31

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L02 BED (2Bb2)	0.5	PASS	4	PASS	PASS	30.8
B5 L03 STUDIO e	0.4	PASS	4	PASS	PASS	31.3
B5 L03 STUDIO d	0.4	PASS	4	PASS	PASS	30.9
B5 L03 STUDIO o	0.5	PASS	4	PASS	PASS	31.6
B5 L03 BED (2Bc2)	0.5	PASS	7	PASS	PASS	30.7
B5 L03 STUDIO aa	0.5	PASS	7	PASS	PASS	31.3
B5 L03 BED (4Ba4)	0.5	PASS	6	PASS	PASS	31.3
B5 L03 STUDIO h	0.5	PASS	4	PASS	PASS	31.2
B5 L03 STUDIO j	0.5	PASS	4	PASS	PASS	31.3
B5 L03 STUDIO k	0.5	PASS	4	PASS	PASS	31.3
B5 L03 STUDIO ad	1.3	PASS	9	PASS	PASS	33.4
B5 L03 STUDIO ae	1.3	PASS	9	PASS	PASS	33.3
B5 L03 STUDIO af	1	PASS	8	PASS	PASS	32.7
B5 L03 STUDIO ag	0.9	PASS	6	PASS	PASS	32.9
B5 L03 STUDIO ah	0.9	PASS	6	PASS	PASS	33.3
B5 L03 STUDIO ai	0.9	PASS	6	PASS	PASS	33.2
B5 L03 STUDIO aj	0.9	PASS	6	PASS	PASS	33.4
B5 L03 STUDIO ak	0.9	PASS	6	PASS	PASS	33.3
B5 L03 BED (2Ba2)	0.4	PASS	4	PASS	PASS	31.4
B5 L03 STUDIO f	0.4	PASS	6	PASS	PASS	30.7
B5 L03 STUDIO a	0.4	PASS	4	PASS	PASS	30.8
B5 L03 STUDIO c	0.4	PASS	4	PASS	PASS	30.9
B5 L03 STUDIO b	0.4	PASS	4	PASS	PASS	30.9
B5 L03 STUDIO m	0.5	PASS	4	PASS	PASS	31.3
B5 L03 BED (4Ba1)	0.5	PASS	5	PASS	PASS	31.6
B5 L03 BED (4Ba3)	0.5	PASS	5	PASS	PASS	31.4
B5 L03 BED (4Ba2)	0.5	PASS	5	PASS	PASS	31.6
B5 L03 BED (2Bb2)	0.5	PASS	4	PASS	PASS	30.9
B5 L03 STUDIO p	0.4	PASS	4	PASS	PASS	30.8
B5 L03 STUDIO au	0.5	PASS	4	PASS	PASS	31.5
B5 L03 STUDIO ax	0.4	PASS	4	PASS	PASS	30.6

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B5 L02 STUDIO ad	1.3	PASS	9	PASS	PASS	33.3
B5 L02 STUDIO l	0.5	PASS	4	PASS	PASS	31.4
B5 L02 STUDIO i	0.5	PASS	4	PASS	PASS	31.3
B5 L02 STUDIO aj	0.9	PASS	6	PASS	PASS	33.4
B5 L02 STUDIO n	0.4	PASS	4	PASS	PASS	30.6
B5 L02 STUDIO ak	0.9	PASS	6	PASS	PASS	33.3
B5 L02 STUDIO g	0.5	PASS	5	PASS	PASS	31.4
B5 L02 STUDIO m	0.5	PASS	4	PASS	PASS	31.2
B5 L02 STUDIO d	0.5	PASS	5	PASS	PASS	31
B5 L02 STUDIO am	0.7	PASS	6	PASS	PASS	32.7
B5 L02 STUDIO b	0.5	PASS	4	PASS	PASS	31.1
B5 L02 STUDIO c	0.5	PASS	4	PASS	PASS	31
B5 L02 STUDIO au	0.5	PASS	4	PASS	PASS	31.5
B5 L02 STUDIO aa	0.5	PASS	7	PASS	PASS	31.3
B5 L02 STUDIO at	0.5	PASS	4	PASS	PASS	31.4
B5 L02 STUDIO p	0.4	PASS	4	PASS	PASS	30.8
B5 L02 STUDIO af	1	PASS	8	PASS	PASS	32.7
B5 L02 STUDIO k	0.5	PASS	4	PASS	PASS	31.3
B5 L02 STUDIO ar	0.5	PASS	4	PASS	PASS	31.7
B5 L02 STUDIO ab	1	PASS	8	PASS	PASS	32.6
B5 L02 STUDIO aq	0.5	PASS	4	PASS	PASS	31.8
B5 L02 STUDIO ao	0.6	PASS	8	PASS	PASS	31.9
B5 L01 BED (2Bb2)	0.5	PASS	4	PASS	PASS	31.1
B5 L01 BED (2Bc2)	0.5	PASS	9	PASS	PASS	31.2
B5 L01 BED (2Bc1)	0.6	PASS	7	PASS	PASS	32
B5 L01 BED (2Bb1)	0.5	PASS	4	PASS	PASS	31.1
B5 L01 BED (4Ba4)	0.5	PASS	6	PASS	PASS	31.6
B5 L01 BED (2Ba2)	0.5	PASS	4	PASS	PASS	32
B5 L01 BED (4Ba2)	0.5	PASS	6	PASS	PASS	32
B5 L04 STUDIO o	0.5	PASS	4	PASS	PASS	31.5
B5 L04 STUDIO ag	0.9	PASS	6	PASS	PASS	32.9

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B5 L04 STUDIO ac	1.3	PASS	9	PASS	PASS	33.6
B5 L04 STUDIO ah	0.9	PASS	6	PASS	PASS	33.3
B5 L04 STUDIO ae	1.3	PASS	9	PASS	PASS	33.3
B5 L04 STUDIO aj	0.9	PASS	6	PASS	PASS	33.3
B5 L04 STUDIO n	0.4	PASS	4	PASS	PASS	30.7
B5 L04 STUDIO ai	0.9	PASS	6	PASS	PASS	33.2
B5 L04 STUDIO aw	0.5	PASS	6	PASS	PASS	31.3
B5 L04 STUDIO ax	0.4	PASS	4	PASS	PASS	30.6
B5 L04 STUDIO au	0.5	PASS	4	PASS	PASS	31.5
B5 L04 STUDIO aa	0.6	PASS	7	PASS	PASS	31.6
B5 L04 STUDIO at	0.5	PASS	4	PASS	PASS	31.4
B5 L04 STUDIO ao	0.6	PASS	8	PASS	PASS	31.8
B5 L04 STUDIO ap	0.6	PASS	8	PASS	PASS	31.7
B5 L04 STUDIO an	0.5	PASS	8	PASS	PASS	31.7
B5 L04 STUDIO al	0.9	PASS	6	PASS	PASS	33.3
B5 L04 STUDIO	0.5	PASS	4	PASS	PASS	31.7
B5 L04 STUDIO av	0.5	PASS	4	PASS	PASS	31.6
B5 L05 STUDIO ad	1.3	PASS	9	PASS	PASS	33.5
B5 L05 STUDIO o	0.5	PASS	4	PASS	PASS	31.5
B5 L06 STUDIO ad	1.3	PASS	8	PASS	PASS	33.3
B5 L06 STUDIO o	0.5	PASS	4	PASS	PASS	31.5
B5 L06 STUDIO ag	0.8	PASS	5	PASS	PASS	32.7
B5 L06 STUDIO ac	1.3	PASS	8	PASS	PASS	33.3
B5 L06 STUDIO ah	0.8	PASS	5	PASS	PASS	33.1
B5 L06 STUDIO ai	0.8	PASS	5	PASS	PASS	33
B5 L06 STUDIO aw	0.5	PASS	6	PASS	PASS	31.1
B5 L06 STUDIO ax	0.4	PASS	4	PASS	PASS	30.5
B5 L06 STUDIO au	0.5	PASS	4	PASS	PASS	31.4
B5 L06 STUDIO aa	0.5	PASS	6	PASS	PASS	31.5
B5 L06 STUDIO at	0.5	PASS	4	PASS	PASS	31.2
B5 L06 STUDIO p	0.4	PASS	4	PASS	PASS	30.9

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L06 STUDIO af	0.9	PASS	7	PASS	PASS	32.5
B5 L06 STUDIO ar	0.5	PASS	4	PASS	PASS	31.6
B5 L06 STUDIO ab	1.1	PASS	8	PASS	PASS	32.9
B5 L06 STUDIO av	0.5	PASS	4	PASS	PASS	31.5
B5 L10 BED (2Bb2)	0.5	PASS	4	PASS	PASS	31
B5 L11 BED (3Ba3)	0.5	PASS	4	PASS	PASS	31
B5 L11 BED (3Ba1)	0.5	PASS	4	PASS	PASS	31.1
B5 L10 BED (2Bb1)	0.5	PASS	4	PASS	PASS	31
B5 L10 BED (3Ba3)	0.5	PASS	4	PASS	PASS	31.1
B5 L11 BED (3Ba2)	0.5	PASS	4	PASS	PASS	31.1
B5 L11 BED (4Ba1)	1	PASS	7	PASS	PASS	33
B5 L11 BED (4Ba3)	0.9	PASS	7	PASS	PASS	32.8
B5 L11 STUDIO o	0.5	PASS	4	PASS	PASS	31.4
B5 L10 STUDIO o	0.5	PASS	4	PASS	PASS	31.6
B5 L11 STUDIO n	0.4	PASS	4	PASS	PASS	30.6
B5 L11 STUDIO m	0.5	PASS	5	PASS	PASS	31.1
B5 L11 STUDIO p	0.4	PASS	4	PASS	PASS	30.8
B5 L10 STUDIO n	0.4	PASS	5	PASS	PASS	30.8
B5 L07 BED (2Bb2)	0.5	PASS	4	PASS	PASS	31
B5 L07 BED (4Ba3)	0.9	PASS	8	PASS	PASS	32.8
B5 L07 BED (4Ba4)	0.9	PASS	8	PASS	PASS	32.8
B5 L10 STUDIO p	0.4	PASS	4	PASS	PASS	30.9
B5 L07 BED (4Ba2)	1.1	PASS	8	PASS	PASS	33.1
B5 L00 BED (2Bc1)	0.6	PASS	7	PASS	PASS	31.8
B5 L00 STUDIO ad	1.5	PASS	8	PASS	PASS	32.9
B5 L00 STUDIO ag	1.1	PASS	7	PASS	PASS	33.5
B5 L00 STUDIO ac	1.4	PASS	8	PASS	PASS	32.9
B5 L00 STUDIO ah	1.2	PASS	7	PASS	PASS	33.9
B5 L00 STUDIO ae	1.4	PASS	8	PASS	PASS	32.7
B5 L00 STUDIO au	0.5	PASS	4	PASS	PASS	31.8
B5 L00 STUDIO at	0.5	PASS	7	PASS	PASS	31.8

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L00 STUDIO af	1.1	PASS	8	PASS	PASS	32.5
B5 L00 STUDIO ar	0.6	PASS	8	PASS	PASS	32.1
B5 L00 STUDIO aq	0.5	PASS	6	PASS	PASS	32.1
B5 L00 STUDIO ao	0.8	PASS	8	PASS	PASS	32.2
B5 L00 STUDIO ap	0.7	PASS	8	PASS	PASS	32.1
B5 L00 STUDIO an	0.7	PASS	8	PASS	PASS	32.1
B5 L00 BED (2Ba2)	0.4	PASS	3	PASS	PASS	30.6
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.27 TM59 overheating assessment results for all living/kitchen spaces within Block 5/6, assessed against DSY2 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L00 LIVING/KITCHEN (2Ba)	0.9	PASS	31.5
B5 L00 LIVING/KITCHEN (2Bc)	1.4	PASS	32.5
B5 L01 KITCHEN (2Bb)	0.7	PASS	30.6
B5 L01 LIVING/KITCHEN (2Ba)	0.9	PASS	31.9
B5 L01 LIVING/KITCHEN (2Bc)	1.6	PASS	32.7
B5 L01 LIVING/KITCHEN (3Ba)	1.2	PASS	31.8
B5 L01 LIVING/KITCHEN (4Ba)	0.9	PASS	31.5
B5 L02 KITCHEN (2Bb)	0.6	PASS	30.2
B5 L02 LIVING/KITCHEN (2Ba)	0.9	PASS	31.6
B5 L02 LIVING/KITCHEN (2Bc)	1.2	PASS	32.2
B5 L02 LIVING/KITCHEN (3Ba)	0.9	PASS	31.3
B5 L02 LIVING/KITCHEN (4Ba)	0.9	PASS	31.2
B5 L03 KITCHEN (2Bb)	0.6	PASS	30.2
B5 L03 LIVING/KITCHEN (2Ba)	0.9	PASS	31.5
B5 L03 LIVING/KITCHEN (2Bc)	1.2	PASS	32.1
B5 L03 LIVING/KITCHEN (3Ba)	0.9	PASS	31.4
B5 L03 LIVING/KITCHEN (4Ba)	0.9	PASS	31.3
B5 L04 KITCHEN (2Bb)	0.6	PASS	30.2
B5 L04 LIVING/KITCHEN (2Bc)	1.1	PASS	32.2
B5 L04 LIVING/KITCHEN (3Ba)	0.9	PASS	31.2
B5 L04 LIVING/KITCHEN (4Ba)	0.9	PASS	31.3

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L05 KITCHEN (2Bb)	0.6	PASS	30.3
B5 L05 LIVING/KITCHEN (2Bc)	1.1	PASS	32.1
B5 L05 LIVING/KITCHEN (3Ba)	0.9	PASS	31.3
B5 L05 LIVING/KITCHEN (4Ba)	0.9	PASS	31.3
B5 L06 KITCHEN (2Bb)	0.6	PASS	30.3
B5 L06 LIVING/KITCHEN (2Bc)	1	PASS	32
B5 L06 LIVING/KITCHEN (3Ba)	0.9	PASS	31.3
B5 L06 LIVING/KITCHEN (4Ba)	0.9	PASS	31.5
B5 L07 KITCHEN (2Bb)	0.7	PASS	30.7
B5 L07 LIVING/KITCHEN (3Ba)	0.9	PASS	31.3
B5 L07 LIVING/KITCHEN (4Ba)	0.9	PASS	31.5
B5 L08 KITCHEN (2Bb)	0.7	PASS	30.7
B5 L08 LIVING/KITCHEN (3Ba)	0.9	PASS	31.3
B5 L08 LIVING/KITCHEN (4Ba)	0.9	PASS	31.5
B5 L09 KITCHEN (2Bb)	0.7	PASS	30.7
B5 L09 LIVING/KITCHEN (3Ba)	0.9	PASS	31.3
B5 L09 LIVING/KITCHEN (4Ba)	0.9	PASS	31.5
B5 L10 KITCHEN (2Bb)	0.7	PASS	30.7
B5 L10 LIVING/KITCHEN (3Ba)	0.9	PASS	31.3
B5 L10 LIVING/KITCHEN (4Ba)	0.9	PASS	31.5
B5 L11 KITCHEN (2Bb)	0.7	PASS	30.6
B5 L11 LIVING/KITCHEN (3Ba)	0.9	PASS	31.2
B5 L11 LIVING/KITCHEN (4Ba)	0.9	PASS	31.4
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.28TM59 overheating assessment results for all circulation spaces within Block 5+, assessed against DSY2 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L00 CORRIDOR d	0.2	PASS	30.1
B5 L00 CORRIDOR e...	0.6	PASS	31.6
B5 L00 CORRIDOR f	0.3	PASS	31.1
B5 L00 CORRIDOR TM59...	0	PASS	26.6
B5 L00 RISER...	0	PASS	27.1

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L01 CORRIDOR a	0.3	PASS	30.4
B5 L01 CORRIDOR b	0.3	PASS	30.3
B5 L01 CORRIDOR c	0.2	PASS	29.9
B5 L01 CORRIDOR d	0.3	PASS	30.9
B5 L02 CORRIDOR a	0.2	PASS	29.8
B5 L02 CORRIDOR b	0.2	PASS	29.9
B5 L02 CORRIDOR c	0.2	PASS	29.4
B5 L02 CORRIDOR d	0.2	PASS	30.3
B5 L03 CORRIDOR a	0.2	PASS	29.7
B5 L03 CORRIDOR b	0.2	PASS	30.1
B5 L03 CORRIDOR c	0.2	PASS	29.4
B5 L03 CORRIDOR d	0.2	PASS	30.3
B5 L04 CORRIDOR b	0.2	PASS	29.5
B5 L04 CORRIDOR c	0.1	PASS	29.3
B5 L04 CORRIDOR d	0.2	PASS	30.2
B5 L05 CORRIDOR b	0.2	PASS	29.6
B5 L05 CORRIDOR c	0.2	PASS	29.3
B5 L05 CORRIDOR d	0.2	PASS	30.3
B5 L06 CORRIDOR b	0.2	PASS	29.5
B5 L06 CORRIDOR c	0.2	PASS	29.2
B5 L06 CORRIDOR d	0.2	PASS	30.1
B5 L07 CORRIDOR b	0.2	PASS	29.5
B5 L08 CORRIDOR b	0.2	PASS	29.6
B5 L09 CORRIDOR b	0.2	PASS	29.6
B5 L10 CORRIDOR b	0.2	PASS	29.6
B5 L11 CORRIDOR b	0.2	PASS	29.5

D.3 DSY3 2020 (Near Extreme)

D.3.1 Block 1

Table D.29TM59 overheating assessment results for all bedroom and studio spaces within Block 1, assessed against DSY3 2020

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B1 L02 STUDIO k	0.2	PASS	7	PASS	PASS	29.8
B1 L02 STUDIO l	0.2	PASS	7	PASS	PASS	29.8
B1 L02 STUDIO e	0.4	PASS	11	PASS	PASS	30.2
B1 L02 STUDIO i	0.1	PASS	7	PASS	PASS	29.6
B1 L02 STUDIO h	0.2	PASS	7	PASS	PASS	29.9
B1 L02 STUDIO f	0.4	PASS	8	PASS	PASS	30.2
B1 L02 STUDIO m	0.2	PASS	7	PASS	PASS	29.7
B1 L02 STUDIO n	0.3	PASS	7	PASS	PASS	29.8
B1 L02 STUDIO c	0.4	PASS	8	PASS	PASS	30.1
B1 L02 STUDIO o	0.2	PASS	7	PASS	PASS	29.6
B1 L02 STUDIO p	0.1	PASS	7	PASS	PASS	29.6
B1 L02 STUDIO b	0.3	PASS	8	PASS	PASS	30.1
B1 L02 STUDIO q	0.1	PASS	7	PASS	PASS	29.6
B1 L02 STUDIO r	0.2	PASS	7	PASS	PASS	29.7
B1 L02 STUDIO a	0.4	PASS	7	PASS	PASS	30.1
B1 L02 STUDIO s	0	PASS	7	PASS	PASS	29.5
B1 L02 STUDIO d	0.4	PASS	8	PASS	PASS	30.1
B1 L02 STUDIO g	0.3	PASS	7	PASS	PASS	30
B1 L02 STUDIO j	0.2	PASS	7	PASS	PASS	29.8
B1 L03 STUDIO k	0.2	PASS	7	PASS	PASS	29.8
B1 L03 STUDIO l	0.2	PASS	7	PASS	PASS	29.8
B1 L03 STUDIO e	0.4	PASS	11	PASS	PASS	30.2
B1 L03 STUDIO i	0.2	PASS	7	PASS	PASS	29.9
B1 L03 STUDIO h	0.2	PASS	7	PASS	PASS	29.9
B1 L03 STUDIO f	0.4	PASS	7	PASS	PASS	30.2
B1 L03 STUDIO m	0.2	PASS	7	PASS	PASS	29.7
B1 L03 STUDIO n	0.3	PASS	7	PASS	PASS	29.8
B1 L03 STUDIO c	0.4	PASS	7	PASS	PASS	30.1

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B1 L03 STUDIO o	0.1	PASS	7	PASS	PASS	29.7
B1 L03 STUDIO p	0.1	PASS	7	PASS	PASS	29.6
B1 L03 STUDIO b	0.4	PASS	7	PASS	PASS	30.1
B1 L03 STUDIO q	0.1	PASS	7	PASS	PASS	29.6
B1 L03 STUDIO r	0.2	PASS	7	PASS	PASS	29.7
B1 L03 STUDIO a	0.4	PASS	7	PASS	PASS	30.1
B1 L03 STUDIO s	0	PASS	7	PASS	PASS	29.5
B1 L03 STUDIO d	0.4	PASS	7	PASS	PASS	30.1
B1 L03 STUDIO g	0.4	PASS	7	PASS	PASS	30.2
B1 L03 STUDIO j	0.2	PASS	7	PASS	PASS	29.8
B1 L01 STUDIO k	0.2	PASS	7	PASS	PASS	29.8
B1 L01 STUDIO l	0.2	PASS	7	PASS	PASS	29.8
B1 L01 STUDIO e	0.3	PASS	8	PASS	PASS	30
B1 L01 STUDIO i	0.1	PASS	6	PASS	PASS	29.5
B1 L01 STUDIO h	0.2	PASS	7	PASS	PASS	29.9
B1 L01 STUDIO f	0.3	PASS	8	PASS	PASS	30
B1 L01 STUDIO m	0.2	PASS	7	PASS	PASS	29.8
B1 L01 STUDIO n	0.3	PASS	8	PASS	PASS	29.9
B1 L01 STUDIO c	0.4	PASS	7	PASS	PASS	30.1
B1 L01 STUDIO o	0.2	PASS	7	PASS	PASS	29.7
B1 L01 STUDIO p	0.1	PASS	7	PASS	PASS	29.6
B1 L01 STUDIO b	0.3	PASS	7	PASS	PASS	30.1
B1 L01 STUDIO q	0.1	PASS	7	PASS	PASS	29.6
B1 L01 STUDIO r	0.2	PASS	7	PASS	PASS	29.7
B1 L01 STUDIO a	0.3	PASS	7	PASS	PASS	29.9
B1 L01 STUDIO s	0	PASS	7	PASS	PASS	29.5
B1 L01 STUDIO d	0.4	PASS	8	PASS	PASS	30.1
B1 L01 STUDIO g	0.3	PASS	7	PASS	PASS	30
B1 L01 STUDIO j	0.2	PASS	7	PASS	PASS	29.8
B1 L00 STUDIO k	0.3	PASS	8	PASS	PASS	30
B1 L00 STUDIO l	0.3	PASS	8	PASS	PASS	30

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B1 L00 STUDIO e	0.5	PASS	10	PASS	PASS	30.2
B1 L00 STUDIO h	0.3	PASS	7	PASS	PASS	30
B1 L00 STUDIO f	0.5	PASS	9	PASS	PASS	30.2
B1 L00 STUDIO m	0.4	PASS	8	PASS	PASS	30
B1 L00 STUDIO c	0.5	PASS	9	PASS	PASS	30.3
B1 L00 STUDIO o	0.4	PASS	8	PASS	PASS	30
B1 L00 STUDIO p	0.3	PASS	7	PASS	PASS	29.8
B1 L00 STUDIO b	0.5	PASS	9	PASS	PASS	30.2
B1 L00 STUDIO q	0.3	PASS	7	PASS	PASS	29.9
B1 L00 STUDIO r	0.3	PASS	7	PASS	PASS	29.9
B1 L00 STUDIO a	0.4	PASS	8	PASS	PASS	30
B1 L00 STUDIO s	0.2	PASS	7	PASS	PASS	29.7
B1 L00 STUDIO d	0.6	PASS	10	PASS	PASS	30.3
B1 L00 STUDIO g	0.5	PASS	9	PASS	PASS	30.2
B1 L00 STUDIO j	0.3	PASS	7	PASS	PASS	30
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.30TM59 overheating assessment results for all circulation spaces within Block 1, assessed against DSY3 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (°C)
B1 L02 CORRIDOR a	0.6	PASS	29.5
B1 L02 CORRIDOR c	0.2	PASS	28.9
B1 L03 CORRIDOR a	0.7	PASS	29.6
B1 L03 CORRIDOR c	0.3	PASS	28.9
B1 L01 CORRIDOR a	0.5	PASS	29.4
B1 L01 CORRIDOR c	0.2	PASS	28.8
B1 L00 CORRIDOR a	0.4	PASS	29.3
B1 L00 CORRIDOR c	0.3	PASS	29
B1 L02 CIRC 00	0	PASS	27.9
B1 L02 STAIR 01	0	PASS	27.8
B1 L02 STAIR 02	0.9	PASS	30.5
B1 L02 CIRC 03	0.2	PASS	28.9
B1 L03 CIRC 04	0	PASS	27.9

Room Name	Criterion A	PASS/FAIL	Peak temperature (°C)
B1 L03 STAIR 05	0	PASS	28.1
B1 L03 STAIR 06	1	PASS	30.5
B1 L03 CIRC 07	0.2	PASS	28.9
B1 L01 CIRC 08	0	PASS	28
B1 L01 STAIR 09	0	PASS	27.6
B1 L01 STAIR 10	0.8	PASS	30.2
B1 L01 CIRC 11	0.2	PASS	28.7
B1 L00 STAIR 12	0	PASS	27
B1 L00 STAIR 13	1	PASS	30.5
B1 L00 CIRC 14	0.4	PASS	29.3

D.3.2 Block 2

Table D.31TM59 overheating assessment results for all bedroom and studio spaces within Block 2, assessed against DSY3 2020

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B2 L02 STUDIO a	0.3	PASS	6	PASS	PASS	29.8
B2 L02 STUDIO i	0.3	PASS	6	PASS	PASS	29.8
B2 L02 STUDIO d	0.4	PASS	7	PASS	PASS	30
B2 L02 STUDIO f	0.4	PASS	7	PASS	PASS	30
B2 L02 STUDIO j	0.5	PASS	11	PASS	PASS	30.4
B2 L02 STUDIO h	0.4	PASS	7	PASS	PASS	29.9
B2 L02 STUDIO c	0.1	PASS	5	PASS	PASS	29.5
B2 L02 STUDIO e	0.4	PASS	7	PASS	PASS	30
B2 L02 STUDIO b	0.3	PASS	6	PASS	PASS	29.8
B2 L02 STUDIO g	0.4	PASS	7	PASS	PASS	30
B2 L01 STUDIO a	0.2	PASS	6	PASS	PASS	29.6
B2 L01 STUDIO i	0.3	PASS	7	PASS	PASS	29.8
B2 L01 STUDIO d	0.3	PASS	7	PASS	PASS	29.9
B2 L01 STUDIO f	0.4	PASS	7	PASS	PASS	29.9
B2 L01 STUDIO j	0.3	PASS	11	PASS	PASS	30.1
B2 L01 STUDIO h	0.3	PASS	7	PASS	PASS	29.8
B2 L01 STUDIO c	0.1	PASS	5	PASS	PASS	29.5

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B2 L01 STUDIO e	0.4	PASS	7	PASS	PASS	29.9
B2 L01 STUDIO b	0.1	PASS	6	PASS	PASS	29.6
B2 L01 STUDIO g	0.4	PASS	7	PASS	PASS	29.9
B2 L00 STUDIO i	0.2	PASS	7	PASS	PASS	29.7
B2 L00 STUDIO f	0.3	PASS	7	PASS	PASS	29.8
B2 L00 STUDIO j	0.5	PASS	11	PASS	PASS	30.3
B2 L00 STUDIO h	0.3	PASS	7	PASS	PASS	29.8
B2 L00 STUDIO g	0.4	PASS	7	PASS	PASS	29.9
B2 L03 STUDIO a	0.3	PASS	6	PASS	PASS	29.8
B2 L03 STUDIO i	0.3	PASS	6	PASS	PASS	29.8
B2 L03 STUDIO d	0.5	PASS	7	PASS	PASS	30
B2 L03 STUDIO f	0.4	PASS	7	PASS	PASS	30
B2 L03 STUDIO j	0.6	PASS	11	PASS	PASS	30.4
B2 L03 STUDIO h	0.4	PASS	7	PASS	PASS	29.9
B2 L03 STUDIO e	0.4	PASS	7	PASS	PASS	30
B2 L03 STUDIO b	0.3	PASS	6	PASS	PASS	29.8
B2 L03 STUDIO g	0.4	PASS	7	PASS	PASS	30
B2 L04 STUDIO a	0.4	PASS	6	PASS	PASS	29.9
B2 L04 STUDIO i	0.3	PASS	7	PASS	PASS	29.8
B2 L04 STUDIO d	0.5	PASS	7	PASS	PASS	30
B2 L04 STUDIO f	0.4	PASS	7	PASS	PASS	30
B2 L04 STUDIO h	0.4	PASS	7	PASS	PASS	29.9
B2 L04 STUDIO c	0.1	PASS	6	PASS	PASS	29.5
B2 L04 STUDIO e	0.4	PASS	7	PASS	PASS	30
B2 L04 STUDIO b	0.3	PASS	6	PASS	PASS	29.8
B2 L04 STUDIO g	0.4	PASS	7	PASS	PASS	30
B2 L05 STUDIO a	0.4	PASS	6	PASS	PASS	29.9
B2 L05 STUDIO i	0.3	PASS	7	PASS	PASS	29.8
B2 L05 STUDIO d	0.4	PASS	7	PASS	PASS	30
B2 L05 STUDIO f	0.4	PASS	7	PASS	PASS	30
B2 L05 STUDIO h	0.3	PASS	7	PASS	PASS	29.9

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B2 L05 STUDIO c	0.1	PASS	6	PASS	PASS	29.5
B2 L05 STUDIO e	0.4	PASS	7	PASS	PASS	30
B2 L05 STUDIO b	0.3	PASS	6	PASS	PASS	29.8
B2 L05 STUDIO g	0.4	PASS	7	PASS	PASS	30
B2 L02 BED (2Ba2)	0.2	PASS	5	PASS	PASS	29.5
B2 L02 BED (2Bb1)	0.1	PASS	5	PASS	PASS	29.3
B2 L02 BED (2Ba1)	0.2	PASS	5	PASS	PASS	29.5
B2 L02 BED (2Bb2)	0	PASS	5	PASS	PASS	29.2
B2 L02 BED (3Ba1)	0.2	PASS	7	PASS	PASS	29.7
B2 L02 BED (3Bd2)	0.1	PASS	10	PASS	PASS	29.6
B2 L02 BED (3Bc3)	0.8	PASS	8	PASS	PASS	30.4
B2 L02 BED (3Be1)	0.1	PASS	6	PASS	PASS	29.4
B2 L02 BED (3Be2)	0.1	PASS	7	PASS	PASS	29.6
B2 L02 BED (3Be3)	0.1	PASS	7	PASS	PASS	29.4
B2 L02 BED (3Bd1)	0.1	PASS	7	PASS	PASS	29.5
B2 L02 BED (3Bc2)	1	PASS	14	PASS	PASS	30.6
B2 L02 BED (3Bb3)	1	PASS	12	PASS	PASS	30.6
B2 L02 BED (3Bc1)	1.1	PASS	12	PASS	PASS	30.6
B2 L02 BED (3Bb2)	1	PASS	14	PASS	PASS	30.5
B2 L02 BED (3Bb1)	0.8	PASS	8	PASS	PASS	30.4
B2 L02 BED (3Ba2)	0.8	PASS	12	PASS	PASS	30.5
B2 L02 BED (3Ba3)	1	PASS	8	PASS	PASS	30.5
B2 L02 BED (3Bd3)	0.1	PASS	6	PASS	PASS	29.4
B2 L02 BED (4Ba3)	0.2	PASS	11	PASS	PASS	29.7
B2 L02 BED (4Ba2)	0.2	PASS	12	PASS	PASS	29.7
B2 L02 BED (4Ba4)	0.1	PASS	7	PASS	PASS	29.5
B2 L02 BED (4Ba1) *	2.7	PASS	80	FAIL	FAIL	29.3
B2 L01 BED (2Ba2)	0.1	PASS	6	PASS	PASS	29.4
B2 L01 BED (2Bb2)	0.1	PASS	5	PASS	PASS	29.2
B2 L01 BED (2Ba1)	0.1	PASS	6	PASS	PASS	29.4
B2 L01 BED (2Bb1)	0	PASS	5	PASS	PASS	29.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B2 L01 BED (3Ba1)	0.1	PASS	7	PASS	PASS	29.5
B2 L01 BED (3Bc3)	0.6	PASS	8	PASS	PASS	30.2
B2 L01 BED (3Bc2)	0.8	PASS	15	PASS	PASS	30.4
B2 L01 BED (3Bb3)	0.6	PASS	13	PASS	PASS	30.3
B2 L01 BED (3Bc1)	0.7	PASS	13	PASS	PASS	30.4
B2 L01 BED (3Bb2)	0.6	PASS	15	PASS	PASS	30.3
B2 L01 BED (3Bb1)	0.5	PASS	8	PASS	PASS	30.1
B2 L01 BED (3Ba2)	0.5	PASS	12	PASS	PASS	30.1
B2 L01 BED (3Ba3)	0.6	PASS	8	PASS	PASS	30.2
B2 L01 BED (3Bd3)	0.1	PASS	7	PASS	PASS	29.5
B2 L01 BED (3Bd2)	0.1	PASS	12	PASS	PASS	29.7
B2 L01 BED (3Bd1)	0.1	PASS	8	PASS	PASS	29.5
B2 L01 BED (4Be2)	0.1	PASS	9	PASS	PASS	29.3
B2 L01 BED (2Be1)	0	PASS	6	PASS	PASS	29.2
B2 L01 BED (2Bd2)	0.1	PASS	7	PASS	PASS	29.3
B2 L01 BED (2Bd1)	0	PASS	5	PASS	PASS	29.2
B2 L01 BED (2Bc1)	0	PASS	7	PASS	PASS	29.2
B2 L01 BED (2Bc2)	0	PASS	5	PASS	PASS	29.2
B2 L00 BED (2Ba2)	0.1	PASS	5	PASS	PASS	29.3
B2 L00 BED (2Ba1)	0.1	PASS	5	PASS	PASS	29.4
B2 L00 BED (3Bc3)	0.8	PASS	8	PASS	PASS	30.4
B2 L00 BED (3Bc2)	1	PASS	15	PASS	PASS	30.5
B2 L00 BED (3Bb3)	0.9	PASS	13	PASS	PASS	30.4
B2 L00 BED (3Bc1)	1	PASS	13	PASS	PASS	30.4
B2 L00 BED (3Bb2)	0.9	PASS	15	PASS	PASS	30.3
B2 L00 BED (3Bb1)	0.7	PASS	8	PASS	PASS	30.2
B2 L00 BED (3Bd3)	0.2	PASS	7	PASS	PASS	29.6
B2 L00 BED (3Bd2)	0.3	PASS	14	PASS	PASS	29.8
B2 L00 BED (3Bd1)	0.1	PASS	10	PASS	PASS	29.6
B2 L00 BED (4Be2)	0.1	PASS	10	PASS	PASS	29.5
B2 L00 BED (2Be1)	0.1	PASS	6	PASS	PASS	29.4

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B2 L00 BED (2Bd2)	0.1	PASS	8	PASS	PASS	29.5
B2 L00 BED (2Bd1)	0.1	PASS	6	PASS	PASS	29.4
B2 L00 BED (2Bc1)	0.1	PASS	9	PASS	PASS	29.5
B2 L00 BED (2Bc2)	0.1	PASS	6	PASS	PASS	29.4
B2 L03 BED (2Ba2)	0.2	PASS	5	PASS	PASS	29.5
B2 L03 BED (2Ba1)	0.2	PASS	5	PASS	PASS	29.5
B2 L03 BED (3Ba1)	0.2	PASS	7	PASS	PASS	29.7
B2 L03 BED (3Bc3)	0.8	PASS	8	PASS	PASS	30.4
B2 L03 BED (3Bc2)	1	PASS	13	PASS	PASS	30.5
B2 L03 BED (3Bb3)	0.9	PASS	12	PASS	PASS	30.6
B2 L03 BED (3Bc1)	1	PASS	12	PASS	PASS	30.6
B2 L03 BED (3Bb2)	0.9	PASS	13	PASS	PASS	30.5
B2 L03 BED (3Bb1)	0.8	PASS	7	PASS	PASS	30.3
B2 L03 BED (3Ba2)	1	PASS	12	PASS	PASS	30.5
B2 L03 BED (3Ba3)	1	PASS	8	PASS	PASS	30.5
B2 L04 BED (2Ba2)	0.2	PASS	5	PASS	PASS	29.5
B2 L04 BED (2Ba1)	0.1	PASS	5	PASS	PASS	29.5
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.32TM59 overheating assessment results for all living/kitchen spaces within Block 2, assessed against DSY3 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L02 KITCHEN (3Bd)*	2.1	PASS	29.3
B2 L02 KITCHEN (3Bc)*	2.8	PASS	29.8
B2 L02 KITCHEN (3Ba)*	1.8	PASS	29.1
B2 L02 KITCHEN (3Be)*	2.1	PASS	29.3
B2 L02 KITCHEN (3Bb)*	2.4	PASS	29.5
B2 L02 KITCHEN (4B)*	2.8	PASS	29.7
B2 L02 KITCHEN (2Bb)*	1.1	PASS	28.1
B2 L02 LIVING (4Ba)	1.2	PASS	30.4
B2 L02 LIVING/KITCHEN (2Ba)	0.2	PASS	29.5
B2 L01 KITCHEN (3Bc)*	2.5	PASS	29.6
B2 L01 KITCHEN (3Ba)*	1.6	PASS	29

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L01 KITCHEN (3Bb)*	2.1	PASS	29.3
B2 L01 KITCHEN (2Bb)*	1	PASS	28
B2 L01 LIVING/KITCHEN (2Ba)	0.1	PASS	29.4
B2 L01 KITCHEN (3Bd)*	2.6	PASS	29.6
B2 L01 KITCHEN (2Be)*	2	PASS	29.3
B2 L01 KITCHEN (2Bd)*	2	PASS	29.3
B2 L01 KITCHEN (2Bc)*	2	PASS	29.4
B2 L00 KITCHEN (3Bc)*	2.6	PASS	29.7
B2 L00 KITCHEN (3Bb)*	2.1	PASS	29.4
B2 L00 LIVING/KITCHEN (2Ba)	0.2	PASS	29.5
B2 L00 KITCHEN (3Bd)*	2.3	PASS	29.6
B2 L00 KITCHEN (2Be)*	2	PASS	29.4
B2 L00 KITCHEN (2Bd)*	2	PASS	29.4
B2 L00 KITCHEN (2Bc)*	2.1	PASS	29.5
B2 L03 KITCHEN (3Bc)*	3.4	FAIL	30.2
B2 L03 KITCHEN (3Ba)*	2.1	PASS	29.3
B2 L03 KITCHEN (3Bb)*	2.9	PASS	29.9
B2 L03 LIVING/KITCHEN (2Ba)	0.2	PASS	29.6
B2 L04 LIVING/KITCHEN (2Ba)	0.1	PASS	29.5
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.33TM59 overheating assessment results for all circulation spaces within Block 2, assessed against DSY3 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L02 CORRIDOR a	0.3	PASS	29.2
B2 L02 CORRIDOR b	0.2	PASS	28.5
B2 L01 CORRIDOR a	0.2	PASS	28.8
B2 L01 CORRIDOR b	0.2	PASS	28.6
B2 L00 CORRIDOR b	0.4	PASS	28.9
B2 L00 CORRIDOR a	0.2	PASS	29
B2 L03 CORRIDOR a	1.1	PASS	30
B2 L03 CORRIDOR b	0.2	PASS	28.7
B2 L04 CORRIDOR b	0.3	PASS	28.9

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L05 CORRIDOR b	0.3	PASS	29.1
B2 L02 CIRC 15	0	PASS	26.1
B2 L02 CIRC (3B) 00	0	PASS	27.7
B2 L02 CIRC (3B) 01	0	PASS	27.3
B2 L02 CIRC (3B) 02	0	PASS	27.3
B2 L02 CIRC (3B) 03	0	PASS	27.7
B2 L02 CIRC (3B) 04	0	PASS	27.4
B2 L02 CIRC (4B) 05	0	PASS	27.1
B2 L02 CIRC (4B) 06	0	PASS	27.9
B2 L02 STAIR 16	0.1	PASS	28.2
B2 L02 STAIR 17	0	PASS	26.7
B2 L01 CIRC 18	0	PASS	26.3
B2 L01 CIRC (3B) 07	0	PASS	27.5
B2 L01 CIRC (3B) 08	0	PASS	27.4
B2 L01 CIRC (3B) 09	0	PASS	27.2
B2 L01 STAIR 19	0	PASS	28
B2 L01 STAIR 20	0	PASS	26.8
B2 L01 CIRC (3B) 10	0	PASS	27.3
B2 L01 CIRC (2B) 11	0	PASS	27.3
B2 L01 CIRC (2B) 12	0	PASS	27.3
B2 L01 CIRC (2B) 13	0	PASS	27.3
B2 L00 CIRC (3B) 14	0	PASS	27.5
B2 L00 CIRC (3B) 15	0	PASS	27.3
B2 L00 STAIR 21	0	PASS	27.9
B2 L00 STAIR 22	0	PASS	27.1
B2 L00 CIRC (3B) 16	0	PASS	27.2
B2 L00 CIRC (2B) 17	0	PASS	27.2
B2 L00 CIRC (2B) 18	0	PASS	27.3
B2 L00 CIRC (2B) 19	0	PASS	27.3
B2 L00 CORRIDOR 23	0	PASS	27.6
B2 L00 CIRC 24	0	PASS	27.5

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L03 CIRC 25	0	PASS	26.2
B2 L03 CIRC (3B) 20	0	PASS	28.1
B2 L03 CIRC (3B) 21	0	PASS	28
B2 L03 CIRC (3B) 22	0	PASS	27.8
B2 L03 STAIR 26	0.2	PASS	28.6
B2 L03 STAIR 27	0	PASS	26.7
B2 L04 STAIR 28	0	PASS	26.3
B2 L04 CIRC 29	0	PASS	25.7
B2 L05 STAIR 30	0	PASS	26.4
B2 L05 CIRC 31	0	PASS	25.7

D.3.3 Block 3

Table D.34 TM59 overheating assessment results for all bedroom and studio spaces within Block 3, assessed against DSY3 2020

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B3 L03 STUDIO j	0.6	PASS	10	PASS	PASS	30.4
B3 L02 STUDIO a	0.2	PASS	6	PASS	PASS	29.8
B3 L02 STUDIO i	0.2	PASS	6	PASS	PASS	29.8
B3 L02 STUDIO d	0.4	PASS	7	PASS	PASS	30
B3 L02 STUDIO f	0.4	PASS	7	PASS	PASS	30
B3 L02 STUDIO j	0.4	PASS	7	PASS	PASS	30.1
B3 L02 STUDIO h	0.3	PASS	7	PASS	PASS	29.9
B3 L02 STUDIO c	0	PASS	5	PASS	PASS	29.5
B3 L02 STUDIO e	0.4	PASS	7	PASS	PASS	30
B3 L02 STUDIO b	0.2	PASS	6	PASS	PASS	29.7
B3 L02 STUDIO g	0.4	PASS	7	PASS	PASS	30
B3 L01 STUDIO a	0.1	PASS	5	PASS	PASS	29.6
B3 L01 STUDIO i	0.2	PASS	7	PASS	PASS	29.7
B3 L01 STUDIO d	0.3	PASS	7	PASS	PASS	29.9
B3 L01 STUDIO f	0.4	PASS	7	PASS	PASS	29.9
B3 L01 STUDIO j	0.1	PASS	7	PASS	PASS	29.4
B3 L01 STUDIO h	0.3	PASS	7	PASS	PASS	29.8

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B3 L01 STUDIO c	0.1	PASS	5	PASS	PASS	29.5
B3 L01 STUDIO e	0.3	PASS	7	PASS	PASS	29.8
B3 L01 STUDIO b	0.1	PASS	6	PASS	PASS	29.6
B3 L01 STUDIO g	0.4	PASS	7	PASS	PASS	29.9
B3 L00 STUDIO i	0.2	PASS	7	PASS	PASS	29.7
B3 L00 STUDIO f	0.3	PASS	7	PASS	PASS	29.8
B3 L00 STUDIO j	0.2	PASS	8	PASS	PASS	29.6
B3 L00 STUDIO h	0.3	PASS	7	PASS	PASS	29.8
B3 L00 STUDIO g	0.4	PASS	7	PASS	PASS	29.9
B3 L03 STUDIO a	0.2	PASS	6	PASS	PASS	29.8
B3 L03 STUDIO i	0.2	PASS	6	PASS	PASS	29.8
B3 L03 STUDIO d	0.4	PASS	7	PASS	PASS	30
B3 L03 STUDIO f	0.4	PASS	7	PASS	PASS	30
B3 L03 STUDIO h	0.3	PASS	7	PASS	PASS	29.9
B3 L03 STUDIO e	0.4	PASS	7	PASS	PASS	30
B3 L03 STUDIO b	0.2	PASS	6	PASS	PASS	29.7
B3 L03 STUDIO g	0.4	PASS	7	PASS	PASS	30
B3 L04 STUDIO a	0.2	PASS	6	PASS	PASS	29.8
B3 L04 STUDIO i	0.2	PASS	6	PASS	PASS	29.8
B3 L04 STUDIO d	0.4	PASS	7	PASS	PASS	30
B3 L04 STUDIO f	0.4	PASS	7	PASS	PASS	30
B3 L04 STUDIO h	0.4	PASS	7	PASS	PASS	29.9
B3 L04 STUDIO c	0.1	PASS	5	PASS	PASS	29.5
B3 L04 STUDIO e	0.4	PASS	7	PASS	PASS	30
B3 L04 STUDIO b	0.2	PASS	6	PASS	PASS	29.8
B3 L04 STUDIO g	0.4	PASS	7	PASS	PASS	30
B3 L05 STUDIO a	0.3	PASS	6	PASS	PASS	29.8
B3 L05 STUDIO i	0.2	PASS	7	PASS	PASS	29.8
B3 L05 STUDIO d	0.4	PASS	7	PASS	PASS	30
B3 L05 STUDIO f	0.4	PASS	7	PASS	PASS	29.9
B3 L05 STUDIO h	0.3	PASS	7	PASS	PASS	29.8

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B3 L05 STUDIO c	0.1	PASS	6	PASS	PASS	29.5
B3 L05 STUDIO e	0.4	PASS	7	PASS	PASS	29.9
B3 L05 STUDIO b	0.3	PASS	6	PASS	PASS	29.8
B3 L05 STUDIO g	0.4	PASS	7	PASS	PASS	29.9
B3 L02 BED (2Ba2)	0.1	PASS	5	PASS	PASS	29.5
B3 L02 BED (2Bb1)	0	PASS	4	PASS	PASS	29.1
B3 L02 BED (2Ba1)	0.2	PASS	5	PASS	PASS	29.5
B3 L02 BED (2Bb2)	0	PASS	3	PASS	PASS	29
B3 L02 BED (3Ba1)	0	PASS	5	PASS	PASS	28.8
B3 L02 BED (3Bd2)	0.1	PASS	9	PASS	PASS	29.6
B3 L02 BED (3Bc3)	0.8	PASS	8	PASS	PASS	30.4
B3 L02 BED (3Be1)	0.1	PASS	6	PASS	PASS	29.3
B3 L02 BED (3Be2)	0.1	PASS	7	PASS	PASS	29.5
B3 L02 BED (3Be3)	0	PASS	6	PASS	PASS	29.2
B3 L02 BED (3Bd1)	0.1	PASS	7	PASS	PASS	29.5
B3 L02 BED (3Bc2)	0.9	PASS	13	PASS	PASS	30.4
B3 L02 BED (3Bb3)	0.7	PASS	10	PASS	PASS	30.3
B3 L02 BED (3Bc1)	0.9	PASS	10	PASS	PASS	30.4
B3 L02 BED (3Bb2)	0.8	PASS	11	PASS	PASS	30.3
B3 L02 BED (3Bb1)	0.6	PASS	6	PASS	PASS	30.1
B3 L02 BED (3Ba2)	0.3	PASS	9	PASS	PASS	29.8
B3 L02 BED (3Ba3)	0.5	PASS	6	PASS	PASS	29.9
B3 L02 BED (3Bd3)	0.1	PASS	6	PASS	PASS	29.4
B3 L02 BED (4Ba3)	0.1	PASS	11	PASS	PASS	29.7
B3 L02 BED (4Ba2)	0.2	PASS	12	PASS	PASS	29.7
B3 L02 BED (4Ba4)	0.1	PASS	7	PASS	PASS	29.5
B3 L02 BED (4Ba1) *	2.6	PASS	80	FAIL	FAIL	29.3
B3 L01 BED (2Ba2)	0.1	PASS	5	PASS	PASS	29.4
B3 L01 BED (2Bb2)	0	PASS	5	PASS	PASS	29
B3 L01 BED (2Ba1)	0.1	PASS	6	PASS	PASS	29.4
B3 L01 BED (2Bb1)	0	PASS	5	PASS	PASS	29

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B3 L01 BED (3Ba1)	0	PASS	5	PASS	PASS	28.7
B3 L01 BED (3Bc3)	0.4	PASS	8	PASS	PASS	29.8
B3 L01 BED (3Bc2)	0.4	PASS	13	PASS	PASS	29.9
B3 L01 BED (3Bb3)	0.3	PASS	11	PASS	PASS	29.8
B3 L01 BED (3Bc1)	0.4	PASS	11	PASS	PASS	29.9
B3 L01 BED (3Bb2)	0.3	PASS	12	PASS	PASS	29.8
B3 L01 BED (3Bb1)	0.2	PASS	6	PASS	PASS	29.6
B3 L01 BED (3Ba2)	0.1	PASS	9	PASS	PASS	29.3
B3 L01 BED (3Ba3)	0.2	PASS	6	PASS	PASS	29.4
B3 L01 BED (3Bd3)	0.1	PASS	6	PASS	PASS	29.5
B3 L01 BED (3Bd2)	0.1	PASS	12	PASS	PASS	29.6
B3 L01 BED (3Bd1)	0.1	PASS	7	PASS	PASS	29.4
B3 L01 BED (4Be2)	0.1	PASS	7	PASS	PASS	29.3
B3 L01 BED (2Be1)	0	PASS	5	PASS	PASS	29.2
B3 L01 BED (2Bd2)	0	PASS	7	PASS	PASS	29.2
B3 L01 BED (2Bd1)	0	PASS	5	PASS	PASS	29.1
B3 L01 BED (2Bc1)	0	PASS	6	PASS	PASS	29
B3 L01 BED (2Bc2)	0	PASS	5	PASS	PASS	29.1
B3 L00 BED (2Ba2)	0.1	PASS	5	PASS	PASS	29.3
B3 L00 BED (2Ba1)	0.1	PASS	5	PASS	PASS	29.3
B3 L00 BED (3Bc3)	0.5	PASS	8	PASS	PASS	29.7
B3 L00 BED (3Bc2)	0.5	PASS	15	PASS	PASS	29.9
B3 L00 BED (3Bb3)	0.4	PASS	10	PASS	PASS	29.8
B3 L00 BED (3Bc1)	0.4	PASS	10	PASS	PASS	29.9
B3 L00 BED (3Bb2)	0.4	PASS	13	PASS	PASS	29.8
B3 L00 BED (3Bb1)	0.2	PASS	6	PASS	PASS	29.6
B3 L00 BED (3Bd3)	0.1	PASS	7	PASS	PASS	29.6
B3 L00 BED (3Bd2)	0.2	PASS	13	PASS	PASS	29.8
B3 L00 BED (3Bd1)	0.1	PASS	10	PASS	PASS	29.5
B3 L00 BED (4Be2)	0.1	PASS	7	PASS	PASS	29.4
B3 L00 BED (2Be1)	0.1	PASS	6	PASS	PASS	29.3

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B3 L00 BED (2Bd2)	0.1	PASS	7	PASS	PASS	29.3
B3 L00 BED (2Bd1)	0	PASS	6	PASS	PASS	29.2
B3 L00 BED (2Bc1)	0	PASS	7	PASS	PASS	29.2
B3 L00 BED (2Bc2)	0	PASS	6	PASS	PASS	29.2
B3 L03 BED (2Ba2)	0.1	PASS	5	PASS	PASS	29.5
B3 L03 BED (2Ba1)	0.2	PASS	5	PASS	PASS	29.5
B3 L03 BED (3Ba1)	0	PASS	5	PASS	PASS	28.9
B3 L03 BED (3Bc3)	0.8	PASS	8	PASS	PASS	30.4
B3 L03 BED (3Bc2)	0.9	PASS	13	PASS	PASS	30.5
B3 L03 BED (3Bb3)	0.8	PASS	10	PASS	PASS	30.5
B3 L03 BED (3Bc1)	0.9	PASS	11	PASS	PASS	30.6
B3 L03 BED (3Bb2)	0.8	PASS	13	PASS	PASS	30.5
B3 L03 BED (3Bb1)	0.8	PASS	7	PASS	PASS	30.3
B3 L03 BED (3Ba2)	0.7	PASS	10	PASS	PASS	30.1
B3 L03 BED (3Ba3)	0.8	PASS	6	PASS	PASS	30.2
B3 L04 BED (2Ba2)	0.1	PASS	5	PASS	PASS	29.5
B3 L04 BED (2Ba1)	0.1	PASS	5	PASS	PASS	29.5
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.35 TM59 overheating assessment results for all living/kitchen spaces within Block 3, assessed against DSY3 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L02 KITCHEN (3Bd)*	2	PASS	29.3
B3 L02 KITCHEN (3Bc)*	2.7	PASS	29.7
B3 L02 KITCHEN (3Ba)*	1.6	PASS	28.9
B3 L02 KITCHEN (3Be)*	1.9	PASS	29.2
B3 L02 KITCHEN (3Bb)*	2.2	PASS	29.4
B3 L02 KITCHEN (4B)*	2.7	PASS	29.6
B3 L02 KITCHEN (2Bb)*	0.8	PASS	27.9
B3 L02 LIVING (4Ba)	1.2	PASS	30.3
B3 L02 LIVING/KITCHEN (2Ba)	0.1	PASS	29.4
B3 L01 KITCHEN (3Bc)*	2.4	PASS	29.5
B3 L01 KITCHEN (3Ba)*	1.4	PASS	28.8

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L01 KITCHEN (3Bb)*	1.9	PASS	29.1
B3 L01 KITCHEN (2Bb)*	0.7	PASS	27.8
B3 L01 LIVING/KITCHEN (2Ba)	0.1	PASS	29.3
B3 L01 KITCHEN (3Bd)*	2.5	PASS	29.5
B3 L01 KITCHEN (2Be)*	1.8	PASS	29.2
B3 L01 KITCHEN (2Bd)*	1.8	PASS	29.2
B3 L01 KITCHEN (2Bc)*	1.8	PASS	29.2
B3 L00 KITCHEN (3Bc)*	2.4	PASS	29.5
B3 L00 KITCHEN (3Bb)*	1.9	PASS	29.2
B3 L00 LIVING/KITCHEN (2Ba)	0.2	PASS	29.4
B3 L00 KITCHEN (3Bd)*	2.2	PASS	29.5
B3 L00 KITCHEN (2Be)*	1.8	PASS	29.3
B3 L00 KITCHEN (2Bd)*	1.8	PASS	29.3
B3 L00 KITCHEN (2Bc)*	1.8	PASS	29.3
B3 L03 KITCHEN (3Bc)*	3.4	FAIL	30.2
B3 L03 KITCHEN (3Ba)*	2	PASS	29.2
B3 L03 KITCHEN (3Bb)*	2.8	PASS	29.8
B3 L03 LIVING/KITCHEN (2Ba)	0.1	PASS	29.4
B3 L04 LIVING/KITCHEN (2Ba)	0.1	PASS	29.4
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.36 TM59 overheating assessment results for all circulation spaces within Block 3, assessed against DSY3 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L02 CORRIDOR a	0.3	PASS	29.1
B3 L02 CORRIDOR b	0.2	PASS	28.5
B3 L01 CORRIDOR a	0.2	PASS	28.7
B3 L01 CORRIDOR b	0.2	PASS	28.5
B3 L00 CORRIDOR b	0.3	PASS	28.8
B3 L00 CORRIDOR a	0.2	PASS	28.8
B3 L03 CORRIDOR a	1.1	PASS	29.9
B3 L03 CORRIDOR b	0.2	PASS	28.5
B3 L04 CORRIDOR b	0.2	PASS	28.5

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L05 CORRIDOR b	0.2	PASS	28.5
B3 L02 CIRC 32	0	PASS	25.9
B3 L02 CIRC (3B) 23	0	PASS	27.6
B3 L02 CIRC (3B) 24	0	PASS	27.2
B3 L02 CIRC (3B) 25	0	PASS	27.2
B3 L02 CIRC (3B) 26	0	PASS	27.4
B3 L02 CIRC (3B) 27	0	PASS	27.1
B3 L02 CIRC (4B) 28	0	PASS	27
B3 L02 CIRC (4B) 29	0	PASS	27.8
B3 L02 STAIR 33	0.1	PASS	28.2
B3 L02 STAIR 34	0	PASS	26.6
B3 L01 CIRC 35	0	PASS	26.2
B3 L01 CIRC (3B) 30	0	PASS	27.3
B3 L01 CIRC (3B) 31	0	PASS	27.1
B3 L01 CIRC (3B) 32	0	PASS	26.9
B3 L01 STAIR 36	0	PASS	27.8
B3 L01 STAIR 37	0	PASS	26.7
B3 L01 CIRC (3B) 33	0	PASS	27.2
B3 L01 CIRC (2B) 34	0	PASS	27.2
B3 L01 CIRC (2B) 35	0	PASS	27.2
B3 L01 CIRC (2B) 36	0	PASS	27
B3 L00 CIRC (3B) 37	0	PASS	27.2
B3 L00 CIRC (3B) 38	0	PASS	27.1
B3 L00 STAIR 38	0	PASS	27.7
B3 L00 STAIR 39	0	PASS	26.9
B3 L00 CIRC (3B) 39	0	PASS	27.1
B3 L00 CIRC (2B) 40	0	PASS	27.1
B3 L00 CIRC (2B) 41	0	PASS	27.1
B3 L00 CIRC (2B) 42	0	PASS	27.1
B3 L00 CORRIDOR 40	0	PASS	27.4
B3 L00 CIRC 41	0	PASS	27.3

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L03 CIRC 42	0	PASS	26
B3 L03 CIRC (3B) 43	0	PASS	28
B3 L03 CIRC (3B) 44	0	PASS	27.9
B3 L03 CIRC (3B) 45	0	PASS	27.6
B3 L03 STAIR 43	0.2	PASS	28.5
B3 L03 STAIR 44	0	PASS	26.5
B3 L04 STAIR 45	0	PASS	26.2
B3 L04 CIRC 46	0	PASS	25.6
B3 L05 STAIR 47	0	PASS	26.2
B3 L05 CIRC 48	0	PASS	25.7

D.3.4 Block 4

Table D.37 TM59 overheating assessment results for all bedroom and studio spaces within Block 4, assessed against DSY3 2020

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B4 L04 STUDIO r	0.4	PASS	7	PASS	PASS	30.1
B4 L04 STUDIO e	0.7	PASS	13	PASS	PASS	30.5
B4 L04 STUDIO k	0.7	PASS	7	PASS	PASS	30.2
B4 L04 STUDIO b	0.4	PASS	6	PASS	PASS	29.9
B4 L04 STUDIO f	0.7	PASS	13	PASS	PASS	30.4
B4 L04 STUDIO a	0.4	PASS	7	PASS	PASS	30
B4 L04 STUDIO g	0.5	PASS	12	PASS	PASS	30.2
B4 L04 STUDIO j	0.7	PASS	7	PASS	PASS	30.2
B4 L04 STUDIO i	0.7	PASS	7	PASS	PASS	30.2
B4 L04 STUDIO h	0.7	PASS	12	PASS	PASS	30.5
B4 L04 STUDIO d	0	PASS	6	PASS	PASS	29.4
B4 L04 STUDIO c	0.4	PASS	6	PASS	PASS	29.9
B4 L04 STUDIO	0.4	PASS	7	PASS	PASS	30
B4 L05 STUDIO r	0.4	PASS	7	PASS	PASS	30
B4 L05 STUDIO e	0.6	PASS	13	PASS	PASS	30.3
B4 L05 STUDIO k	0.6	PASS	8	PASS	PASS	30.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L05 STUDIO b	0.4	PASS	7	PASS	PASS	29.9
B4 L05 STUDIO f	0.5	PASS	12	PASS	PASS	30.2
B4 L05 STUDIO a	0.4	PASS	7	PASS	PASS	29.9
B4 L05 STUDIO g	0.4	PASS	12	PASS	PASS	30.1
B4 L05 STUDIO j	0.6	PASS	8	PASS	PASS	30.2
B4 L05 STUDIO i	0.6	PASS	8	PASS	PASS	30.2
B4 L05 STUDIO h	0.7	PASS	12	PASS	PASS	30.4
B4 L05 STUDIO d	0	PASS	7	PASS	PASS	29.3
B4 L05 STUDIO c	0.4	PASS	7	PASS	PASS	29.9
B4 L05 STUDIO	0.4	PASS	7	PASS	PASS	30
B4 L05 STUDIO q	0.4	PASS	7	PASS	PASS	30
B4 L02 BED (2Bc1)	0.1	PASS	7	PASS	PASS	29.5
B4 L02 BED (2Bc2)	0.1	PASS	7	PASS	PASS	29.4
B4 L02 BED (2Bb2)	0.2	PASS	6	PASS	PASS	29.6
B4 L02 BED (2Bb1)	0.3	PASS	6	PASS	PASS	29.6
B4 L01 STUDIO r	0.7	PASS	8	PASS	PASS	30.3
B4 L01 STUDIO q	0.7	PASS	8	PASS	PASS	30.3
B4 L01 STUDIO e	1.3	PASS	16	PASS	PASS	31
B4 L01 STUDIO p	0.7	PASS	8	PASS	PASS	30.3
B4 L01 STUDIO k	1.1	PASS	8	PASS	PASS	30.6
B4 L01 STUDIO b	0.7	PASS	8	PASS	PASS	30.3
B4 L01 STUDIO f	1.2	PASS	14	PASS	PASS	30.8
B4 L01 STUDIO a	0.7	PASS	8	PASS	PASS	30.3
B4 L01 STUDIO g	1	PASS	14	PASS	PASS	30.6
B4 L01 STUDIO j	1.1	PASS	8	PASS	PASS	30.5
B4 L01 STUDIO i	1.2	PASS	8	PASS	PASS	30.6
B4 L01 STUDIO h	1.3	PASS	12	PASS	PASS	30.9
B4 L01 STUDIO d	0.3	PASS	7	PASS	PASS	29.7
B4 L01 STUDIO n	0.7	PASS	8	PASS	PASS	30.2
B4 L01 STUDIO m	0.9	PASS	8	PASS	PASS	30.6
B4 L01 STUDIO o	0.7	PASS	8	PASS	PASS	30.3

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L01 STUDIO c	0.7	PASS	8	PASS	PASS	30.3
B4 L01	0.8	PASS	8	PASS	PASS	30.3
B4 L06 BED (2Bb1)	0.2	PASS	10	PASS	PASS	29.7
B4 L06 STUDIO a	0.4	PASS	7	PASS	PASS	29.9
B4 L06 STUDIO r	0.5	PASS	7	PASS	PASS	30.1
B4 L00 STUDIO c	0.6	PASS	8	PASS	PASS	30.2
B4 L00 STUDIO b	0.7	PASS	8	PASS	PASS	30.2
B4 L00 STUDIO a	0.7	PASS	8	PASS	PASS	30.2
B4 L03 STUDIO a	0.4	PASS	7	PASS	PASS	30
B4 L03 STUDIO b	0.4	PASS	7	PASS	PASS	30
B4 L03 STUDIO c	0.4	PASS	7	PASS	PASS	29.9
B4 L03 STUDIO j	0.7	PASS	7	PASS	PASS	30.2
B4 L03 STUDIO	0.4	PASS	7	PASS	PASS	30
B4 L03 STUDIO n	0.3	PASS	7	PASS	PASS	29.9
B4 L03 BED (3Bc1)	0.2	PASS	11	PASS	PASS	29.6
B4 L03 STUDIO o	0.4	PASS	7	PASS	PASS	30
B4 L03 BED (3Ba2)	1.6	PASS	11	PASS	PASS	31
B4 L03 BED (3Ba3)	1.6	PASS	11	PASS	PASS	31
B4 L03 BED (2Ba2)	0.4	PASS	6	PASS	PASS	29.7
B4 L03 STUDIO e	0.7	PASS	13	PASS	PASS	30.5
B4 L03 STUDIO g	0.5	PASS	12	PASS	PASS	30.2
B4 L03 STUDIO h	0.7	PASS	12	PASS	PASS	30.5
B4 L03 STUDIO d	0	PASS	6	PASS	PASS	29.4
B4 L05 BED (2Ba1)	0.2	PASS	6	PASS	PASS	29.5
B4 L04 STUDIO q	0.4	PASS	7	PASS	PASS	30.1
B4 L04 BED (2Bb2)	0.2	PASS	6	PASS	PASS	29.6
B4 L04 BED (2Bb1)	0.3	PASS	6	PASS	PASS	29.6
B4 L04 BED (2Ba2)	0.4	PASS	6	PASS	PASS	29.7
B4 L04 BED (2Ba1)	0.3	PASS	6	PASS	PASS	29.6
B4 L02 BED (3Bc1)	0.3	PASS	13	PASS	PASS	29.7
B4 L02 STUDIO i	0.7	PASS	7	PASS	PASS	30.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L02 STUDIO h	0.7	PASS	12	PASS	PASS	30.5
B4 L02 STUDIO d	0	PASS	6	PASS	PASS	29.4
B4 L02 STUDIO n	0.4	PASS	7	PASS	PASS	30
B4 L02 STUDIO m	0.6	PASS	7	PASS	PASS	30.3
B4 L02 STUDIO o	0.4	PASS	7	PASS	PASS	30.1
B4 L01 BED (2Bb2)	0.1	PASS	5	PASS	PASS	29.5
B4 L01 BED (2Bb1)	0.2	PASS	5	PASS	PASS	29.5
B4 L01 BED (2Ba2)	0.5	PASS	7	PASS	PASS	29.9
B4 L01 BED (2Ba1)	0.4	PASS	6	PASS	PASS	29.9
B4 L01 BED (3Ba1)	1.4	PASS	13	PASS	PASS	30.8
B4 L01 BED (3Ba2)	2.1	PASS	12	PASS	PASS	31.4
B4 L06 STUDIO c	0.4	PASS	6	PASS	PASS	29.9
B4 L06 STUDIO	0.5	PASS	10	PASS	PASS	30.2
B4 L07 STUDIO j	0.8	PASS	13	PASS	PASS	30.6
B4 L07 STUDIO i	0.8	PASS	13	PASS	PASS	30.6
B4 L07 STUDIO h	0.8	PASS	13	PASS	PASS	30.5
B4 L07 STUDIO d	0	PASS	5	PASS	PASS	29.4
B4 L07 STUDIO c	0.4	PASS	6	PASS	PASS	29.9
B4 L07 STUDIO	0.5	PASS	12	PASS	PASS	30.3
B4 L08 STUDIO r	0.4	PASS	7	PASS	PASS	30
B4 L08 STUDIO k	0.7	PASS	11	PASS	PASS	30.5
B4 L08 STUDIO b	0.4	PASS	6	PASS	PASS	29.9
B4 L08 STUDIO g	0.4	PASS	12	PASS	PASS	30.1
B4 L08 STUDIO j	0.7	PASS	11	PASS	PASS	30.5
B4 L08 STUDIO a	0.4	PASS	7	PASS	PASS	29.9
B4 L00 BED (2Ba1)	0.4	PASS	7	PASS	PASS	29.8
B4 L00 BED (2Ba2)	0.5	PASS	7	PASS	PASS	29.9
B4 L00 STUDIO f	1.1	PASS	12	PASS	PASS	30.6
B4 L00 STUDIO g	0.7	PASS	12	PASS	PASS	30.4
B4 L00 STUDIO h	1.2	PASS	12	PASS	PASS	30.7
B4 L00 STUDIO i	1	PASS	8	PASS	PASS	30.4

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L00 STUDIO j	0.5	PASS	9	PASS	PASS	30
B4 L05 BED (2Bb2)	0.2	PASS	6	PASS	PASS	29.6
B4 L07 BED (2Bb2)	0.2	PASS	9	PASS	PASS	29.7
B4 L06 BED (2Bb2)	0.2	PASS	10	PASS	PASS	29.6
B4 L07 BED (2Bb1)	0.3	PASS	9	PASS	PASS	29.7
B4 L03 STUDIO f	0.7	PASS	13	PASS	PASS	30.4
B4 L03 BED (2Bb1)	0.3	PASS	6	PASS	PASS	29.6
B4 L03 BED (2Bb2)	0.2	PASS	6	PASS	PASS	29.6
B4 L03 STUDIO p	0.4	PASS	7	PASS	PASS	30
B4 L05 BED (2Bb1)	0.3	PASS	6	PASS	PASS	29.7
B4 L03 BED (3Bc3)	0.1	PASS	7	PASS	PASS	29.5
B4 L03 BED (3Bc2)	0.2	PASS	9	PASS	PASS	29.8
B4 L03 BED (2Bc1)	0.1	PASS	7	PASS	PASS	29.4
B4 L03 BED (2Bc2)	0.1	PASS	7	PASS	PASS	29.3
B4 L03 STUDIO q	0.4	PASS	7	PASS	PASS	30
B4 L03 STUDIO r	0.4	PASS	7	PASS	PASS	30.1
B4 L03 BED (3Ba1)	0.8	PASS	10	PASS	PASS	30.4
B4 L03 STUDIO m	0.5	PASS	7	PASS	PASS	30.2
B4 L05 BED (2Ba2)	0.3	PASS	6	PASS	PASS	29.6
B4 L03 BED (3Bb1)	1.4	PASS	11	PASS	PASS	30.9
B4 L03 BED (3Bb2)	1.6	PASS	11	PASS	PASS	31
B4 L03 BED (3Bb3)	0.7	PASS	11	PASS	PASS	30.3
B4 L03 BED (2Ba1)	0.3	PASS	6	PASS	PASS	29.6
B4 L03 STUDIO i	0.7	PASS	7	PASS	PASS	30.2
B4 L03 STUDIO k	0.7	PASS	7	PASS	PASS	30.2
B4 L02 BED (2Ba2)	0.4	PASS	6	PASS	PASS	29.7
B4 L02 BED (2Ba1)	0.3	PASS	6	PASS	PASS	29.6
B4 L02 BED (3Ba1)	1	PASS	12	PASS	PASS	30.5
B4 L02 BED (3Ba2)	1.6	PASS	11	PASS	PASS	31.1
B4 L02 BED (3Bb2)	1.7	PASS	11	PASS	PASS	31.1
B4 L02 BED (3Bb3)	0.8	PASS	12	PASS	PASS	30.4

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L02 BED (3Ba3)	1.7	PASS	11	PASS	PASS	31
B4 L02 BED (3Bb1)	1.6	PASS	11	PASS	PASS	31
B4 L02 BED (3Bc3)	0.1	PASS	8	PASS	PASS	29.6
B4 L02 BED (3Bc2)	0.3	PASS	9	PASS	PASS	29.9
B4 L02 STUDIO r	0.4	PASS	7	PASS	PASS	30
B4 L02 STUDIO q	0.4	PASS	7	PASS	PASS	30
B4 L02 STUDIO e	0.7	PASS	14	PASS	PASS	30.5
B4 L02 STUDIO p	0.4	PASS	7	PASS	PASS	30.1
B4 L02 STUDIO k	0.7	PASS	7	PASS	PASS	30.2
B4 L02 STUDIO b	0.4	PASS	7	PASS	PASS	30
B4 L02 STUDIO f	0.7	PASS	13	PASS	PASS	30.4
B4 L02 STUDIO a	0.4	PASS	7	PASS	PASS	30
B4 L02 STUDIO g	0.5	PASS	12	PASS	PASS	30.2
B4 L02 STUDIO j	0.7	PASS	7	PASS	PASS	30.2
B4 L02 STUDIO c	0.4	PASS	7	PASS	PASS	30
B4 L02 Studio	0.4	PASS	7	PASS	PASS	30
B4 L01 BED (2Bc1)	0.2	PASS	9	PASS	PASS	29.7
B4 L01 BED (2Bc2)	0.1	PASS	10	PASS	PASS	29.6
B4 L01 BED (3Bb2)	2.2	PASS	12	PASS	PASS	31.4
B4 L01 BED (3Bb3)	1.3	PASS	12	PASS	PASS	30.6
B4 L01 BED (3Ba3)	2.1	PASS	12	PASS	PASS	31.3
B4 L01 BED (3Bb1)	2	PASS	12	PASS	PASS	31.3
B4 L01 BED (3Bc3)	0.3	PASS	9	PASS	PASS	29.8
B4 L01 BED (3Bc2)	0.6	PASS	10	PASS	PASS	30.1
B4 L01 BED (3Bc1)	0.5	PASS	13	PASS	PASS	29.9
B4 L06 STUDIO k	0.8	PASS	12	PASS	PASS	30.5
B4 L06 STUDIO b	0.4	PASS	6	PASS	PASS	29.9
B4 L06 STUDIO g	0.5	PASS	12	PASS	PASS	30.2
B4 L06 STUDIO j	0.8	PASS	12	PASS	PASS	30.5
B4 L06 STUDIO i	0.8	PASS	12	PASS	PASS	30.5
B4 L06 STUDIO h	0.8	PASS	12	PASS	PASS	30.5

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L06 STUDIO d	0	PASS	5	PASS	PASS	29.4
B4 L06 STUDIO q	0.4	PASS	7	PASS	PASS	30.1
B4 L07 STUDIO r	0.5	PASS	7	PASS	PASS	30.1
B4 L07 STUDIO k	0.8	PASS	13	PASS	PASS	30.6
B4 L07 STUDIO b	0.4	PASS	6	PASS	PASS	29.9
B4 L07 STUDIO g	0.5	PASS	12	PASS	PASS	30.2
B4 L07 STUDIO q	0.4	PASS	7	PASS	PASS	30
B4 L07 STUDIO a	0.4	PASS	7	PASS	PASS	29.9
B4 L08 BED (2Bb2)	0.2	PASS	9	PASS	PASS	29.6
B4 L08 BED (2Bb1)	0.2	PASS	9	PASS	PASS	29.6
B4 L08 STUDIO i	0.7	PASS	11	PASS	PASS	30.5
B4 L08 STUDIO h	0.7	PASS	11	PASS	PASS	30.4
B4 L08 STUDIO d	0	PASS	5	PASS	PASS	29.3
B4 L08 STUDIO c	0.4	PASS	6	PASS	PASS	29.9
B4 L08 STUDIO	0.4	PASS	10	PASS	PASS	30.2
B4 L08 STUDIO q	0.4	PASS	7	PASS	PASS	30
B4 L00 STUDIO d	0.5	PASS	6	PASS	PASS	29.9
B4 L00 STUDIO e	1.1	PASS	15	PASS	PASS	30.8
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.38TM59 overheating assessment results for all living/kitchen spaces within Block 4, assessed against DSY3 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (°C)
B4 L00 LIVING/KITCHEN (2Ba)	2.7	PASS	31.1
B4 L01 KITCHEN (3Ba)	1.4	PASS	30.9
B4 L01 KITCHEN (3Bb)	1.4	PASS	30.9
B4 L01 KITCHEN (2Bc)	0.9	PASS	30.6
B4 L01 LIVING/KITCHEN (2Ba)	3.2	FAIL	31.2
B4 L01 LIVING/KITCHEN (2Bb)	0.7	PASS	29.9
B4 L01 LIVING/KITCHEN (3Bc)	3	PASS	31.2
B4 L02 KITCHEN (3Ba)	0.8	PASS	30.6
B4 L02 KITCHEN (3Bb)	0.8	PASS	30.6
B4 L02 KITCHEN (2Bc)	0.4	PASS	30.2

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B4 L02 LIVING/KITCHEN (2Ba)	2.2	PASS	30.9
B4 L02 LIVING/KITCHEN (2Bb)	0.5	PASS	29.9
B4 L02 LIVING/KITCHEN (3Bc)	2.4	PASS	30.9
B4 L03 KITCHEN (3Ba)	0.7	PASS	30.5
B4 L03 KITCHEN (3Bb)	0.7	PASS	30.5
B4 L03 KITCHEN (2Bc)	0.4	PASS	30.2
B4 L03 LIVING/KITCHEN (2Ba)	2.1	PASS	30.9
B4 L03 LIVING/KITCHEN (2Bb)	0.7	PASS	29.9
B4 L03 LIVING/KITCHEN (3Bc)	2.2	PASS	30.9
B4 L04 LIVING/KITCHEN (2Ba)	2	PASS	30.8
B4 L04 LIVING/KITCHEN (2Bb)	0.7	PASS	29.9
B4 L05 LIVING/KITCHEN (2Ba)	1.9	PASS	30.7
B4 L05 LIVING/KITCHEN (2Bb)	0.7	PASS	29.9
B4 L06 LIVING/KITCHEN (2Bb)	0.8	PASS	30
B4 L07 LIVING/KITCHEN (2Bb)	0.8	PASS	30
B4 L08 LIVING/KITCHEN (2Bb)	0.6	PASS	29.9
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.39TM59 overheating assessment results for all circulation spaces within Block 4, assessed against DSY3 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B4 L00 CIRC	0.8	PASS	29.1
B4 L00 CORRIDOR a	0.7	PASS	29.7
B4 L00 RECEPTION	0	PASS	27.3
B4 L01 CORRIDOR a	1.1	PASS	30.2
B4 L02 CORRIDOR a	0.8	PASS	29.8
B4 L02 CORRIDOR b	0.9	PASS	29.8
B4 L03 CORRIDOR a	0.8	PASS	29.8
B4 L03 CORRIDOR b	0.9	PASS	29.7
B4 L04 CORRIDOR a	0.7	PASS	29.7
B4 L04 CORRIDOR b	0.7	PASS	29.5
B4 L05 CORRIDOR a	0.6	PASS	29.5
B4 L05 CORRIDOR b	0.6	PASS	29.3

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B4 L06 CORRIDOR a	0.7	PASS	29.5
B4 L06 CORRIDOR b	0.7	PASS	29.4
B4 L07 CORRIDOR a	0.7	PASS	29.6
B4 L07 CORRIDOR b	0.8	PASS	29.4
B4 L08 CORRIDOR a	0.7	PASS	29.5
B4 L08 CORRIDOR b	0.7	PASS	29.4
B4 L01 CORRIDOR b	1.1	PASS	30.1

D.3.5 Block 5+

Table D.40TM59 overheating assessment results for all bedroom and studio spaces within Block 5+ assessed against DSY3 2020

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L03 STUDIO ap	1	PASS	15	PASS	PASS	30.7
B5 L03 STUDIO ao	1.1	PASS	15	PASS	PASS	30.8
B5 L03 STUDIO an	1	PASS	15	PASS	PASS	30.7
B5 L03 BED (2Bc1)	1	PASS	13	PASS	PASS	30.3
B5 L02 BED (2Bc2)	0.3	PASS	15	PASS	PASS	29.8
B5 L02 BED (2Bc1)	1	PASS	13	PASS	PASS	30.3
B5 L02 BED (2Bb1)	0.2	PASS	7	PASS	PASS	29.7
B5 L02 BED (3Ba3)	0.5	PASS	10	PASS	PASS	30
B5 L02 BED (3Ba1)	0.6	PASS	10	PASS	PASS	30.1
B5 L02 BED (3Ba2)	0.6	PASS	10	PASS	PASS	30
B5 L02 BED (4Ba1)	1	PASS	11	PASS	PASS	30.3
B5 L02 BED (2Ba1)	0.4	PASS	6	PASS	PASS	29.8
B5 L02 BED (4Ba3)	0.7	PASS	11	PASS	PASS	30.1
B5 L02 BED (4Ba4)	0.7	PASS	12	PASS	PASS	30.1
B5 L02 BED (2Ba2)	0.4	PASS	5	PASS	PASS	30.1
B5 L02 BED (4Ba2)	1	PASS	11	PASS	PASS	30.4
B5 L01 STUDIO ad	2.8	PASS	20	PASS	PASS	32.7
B5 L01 STUDIO l	1	PASS	12	PASS	PASS	30.8
B5 L01 STUDIO o	1.2	PASS	12	PASS	PASS	30.9
B5 L01 STUDIO ag	2.6	PASS	18	PASS	PASS	32.7
B5 L01 STUDIO ac	2.7	PASS	20	PASS	PASS	32.8

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L01 STUDIO ah	2.7	PASS	18	PASS	PASS	32.8
B5 L01 STUDIO j	1	PASS	12	PASS	PASS	30.8
B5 L01 STUDIO ae	2.9	PASS	21	PASS	PASS	32.5
B5 L01 STUDIO i	1	PASS	12	PASS	PASS	30.8
B5 L01 STUDIO aj	2.7	PASS	18	PASS	PASS	32.9
B5 L01 STUDIO n	0.4	PASS	11	PASS	PASS	30.2
B5 L01 STUDIO ak	2.7	PASS	18	PASS	PASS	32.8
B5 L01 STUDIO g	1.2	PASS	15	PASS	PASS	31
B5 L01 STUDIO m	0.7	PASS	12	PASS	PASS	30.7
B5 L01 STUDIO d	0.9	PASS	16	PASS	PASS	30.7
B5 L01 STUDIO am	1.5	PASS	15	PASS	PASS	31.8
B5 L01 STUDIO b	0.8	PASS	12	PASS	PASS	30.6
B5 L01 STUDIO c	0.8	PASS	12	PASS	PASS	30.6
B5 L01 STUDIO ai	2.7	PASS	18	PASS	PASS	32.8
B5 L01 STUDIO a	0.7	PASS	12	PASS	PASS	30.6
B5 L01 STUDIO f	0.7	PASS	16	PASS	PASS	30.4
B5 L01 STUDIO aw	0.9	PASS	15	PASS	PASS	30.6
B5 L01 STUDIO ax	0.5	PASS	12	PASS	PASS	30
B5 L01 STUDIO e	0.4	PASS	6	PASS	PASS	30.1
B5 L01 STUDIO au	1.1	PASS	12	PASS	PASS	30.9
B5 L01 STUDIO aa	1.1	PASS	16	PASS	PASS	31
B5 L01 STUDIO at	1.1	PASS	14	PASS	PASS	30.9
B5 L01 STUDIO p	0.7	PASS	13	PASS	PASS	30.3
B5 L01 STUDIO af	2.4	PASS	20	PASS	PASS	32.1
B5 L01 STUDIO k	1	PASS	12	PASS	PASS	30.7
B5 L01 STUDIO ar	1.4	PASS	13	PASS	PASS	31.2
B5 L01 STUDIO ab	2.1	PASS	20	PASS	PASS	32.3
B5 L01 STUDIO aq	1.4	PASS	13	PASS	PASS	31.2
B5 L01 STUDIO ao	1.7	PASS	15	PASS	PASS	31.2
B5 L01 STUDIO ap	1.5	PASS	15	PASS	PASS	31.1
B5 L01 STUDIO h	1.1	PASS	12	PASS	PASS	30.8

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L01 STUDIO an	1.4	PASS	15	PASS	PASS	31.1
B5 L01 STUDIO al	2.6	PASS	16	PASS	PASS	32.7
B5 L01 STUDIO	1.4	PASS	13	PASS	PASS	31.2
B5 L01 STUDIO av	0.9	PASS	8	PASS	PASS	30.6
B5 L04 BED (2Bb2)	0.2	PASS	8	PASS	PASS	29.8
B5 L04 BED (2Bc2)	0.3	PASS	15	PASS	PASS	29.8
B5 L04 BED (2Bc1)	1	PASS	13	PASS	PASS	30.3
B5 L04 BED (2Bb1)	0.3	PASS	8	PASS	PASS	29.8
B5 L04 BED (3Ba3)	0.6	PASS	10	PASS	PASS	30
B5 L04 BED (3Ba1)	0.8	PASS	10	PASS	PASS	30.2
B5 L04 BED (3Ba2)	0.7	PASS	10	PASS	PASS	30.1
B5 L04 BED (4Ba1)	1.4	PASS	11	PASS	PASS	30.8
B5 L05 BED (2Bc2)	0.3	PASS	15	PASS	PASS	29.8
B5 L04 BED (4Ba3)	1.3	PASS	12	PASS	PASS	30.7
B5 L04 BED (4Ba4)	1.3	PASS	13	PASS	PASS	30.6
B5 L05 BED (2Bc1)	0.9	PASS	12	PASS	PASS	30.3
B5 L05 BED (2Bb1)	0.3	PASS	9	PASS	PASS	29.9
B5 L04 BED (4Ba2)	1.4	PASS	12	PASS	PASS	30.9
B5 L05 BED (3Ba3)	0.6	PASS	10	PASS	PASS	30
B5 L05 BED (3Ba1)	0.8	PASS	10	PASS	PASS	30.2
B5 L05 BED (3Ba2)	0.7	PASS	10	PASS	PASS	30.1
B5 L05 BED (4Ba1)	1.4	PASS	11	PASS	PASS	30.8
B5 L05 BED (4Ba3)	1.3	PASS	12	PASS	PASS	30.7
B5 L05 BED (4Ba4)	1.4	PASS	14	PASS	PASS	30.9
B5 L05 BED (4Ba2)	1.5	PASS	12	PASS	PASS	30.9
B5 L05 STUDIO ak	2.2	PASS	15	PASS	PASS	32.3
B5 L05 STUDIO m	0.8	PASS	16	PASS	PASS	30.6
B5 L05 STUDIO am	1.6	PASS	17	PASS	PASS	31.8
B5 L05 STUDIO ai	2.1	PASS	15	PASS	PASS	32.3
B5 L05 STUDIO aw	0.7	PASS	13	PASS	PASS	30.3
B5 L05 STUDIO ax	0.2	PASS	12	PASS	PASS	29.8

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B5 L05 STUDIO au	0.7	PASS	12	PASS	PASS	30.6
B5 L05 STUDIO aa	1.1	PASS	14	PASS	PASS	31
B5 L05 STUDIO at	0.7	PASS	13	PASS	PASS	30.6
B5 L05 STUDIO p	0.4	PASS	12	PASS	PASS	30
B5 L05 STUDIO af	2	PASS	15	PASS	PASS	31.6
B5 L05 STUDIO ar	0.8	PASS	13	PASS	PASS	30.8
B5 L05 STUDIO ab	2.2	PASS	15	PASS	PASS	31.9
B5 L05 STUDIO aq	1	PASS	12	PASS	PASS	30.8
B5 L05 STUDIO ao	1.1	PASS	15	PASS	PASS	30.8
B5 L05 STUDIO ap	1	PASS	15	PASS	PASS	30.7
B5 L05 STUDIO an	1	PASS	15	PASS	PASS	30.6
B5 L05 STUDIO al	2.2	PASS	15	PASS	PASS	32.3
B5 L05 STUDIO	0.9	PASS	13	PASS	PASS	30.8
B5 L05 STUDIO av	0.6	PASS	8	PASS	PASS	30.3
B5 L06 BED (2Bb2)	0.2	PASS	8	PASS	PASS	29.8
B5 L06 BED (2Bc2)	0.3	PASS	15	PASS	PASS	29.7
B5 L06 BED (2Bc1)	0.8	PASS	11	PASS	PASS	30.2
B5 L06 BED (2Bb1)	0.3	PASS	9	PASS	PASS	29.9
B5 L06 BED (3Ba3)	0.6	PASS	10	PASS	PASS	30
B5 L06 BED (3Ba1)	0.8	PASS	10	PASS	PASS	30.2
B5 L06 BED (3Ba2)	0.7	PASS	10	PASS	PASS	30.1
B5 L06 BED (4Ba1)	1.8	PASS	12	PASS	PASS	31.2
B5 L06 BED (4Ba3)	1.7	PASS	13	PASS	PASS	31.1
B5 L06 BED (4Ba4)	1.6	PASS	15	PASS	PASS	31
B5 L06 BED (4Ba2)	1.9	PASS	12	PASS	PASS	31.3
B5 L07 STUDIO o	0.8	PASS	12	PASS	PASS	30.6
B5 L07 STUDIO n	0.4	PASS	12	PASS	PASS	30.2
B5 L07 STUDIO m	0.8	PASS	16	PASS	PASS	30.6
B5 L07 STUDIO p	0.4	PASS	12	PASS	PASS	30.1
B5 L08 BED (2Bb2)	0.3	PASS	9	PASS	PASS	29.9
B5 L08 BED (2Bb1)	0.4	PASS	9	PASS	PASS	29.9

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B5 L08 BED (3Ba3)	0.6	PASS	10	PASS	PASS	30
B5 L08 BED (3Ba1)	0.8	PASS	10	PASS	PASS	30.2
B5 L08 BED (3Ba2)	0.7	PASS	10	PASS	PASS	30.2
B5 L08 BED (4Ba1)	2	PASS	12	PASS	PASS	31.5
B5 L08 BED (4Ba3)	1.9	PASS	13	PASS	PASS	31.4
B5 L08 BED (4Ba4)	1.7	PASS	15	PASS	PASS	31.3
B5 L08 BED (4Ba2)	2	PASS	13	PASS	PASS	31.6
B5 L08 STUDIO o	0.8	PASS	12	PASS	PASS	30.6
B5 L08 STUDIO n	0.4	PASS	12	PASS	PASS	30.2
B5 L08 STUDIO m	0.8	PASS	16	PASS	PASS	30.6
B5 L08 STUDIO p	0.4	PASS	12	PASS	PASS	30.1
B5 L09 BED (2Bb2)	0.3	PASS	9	PASS	PASS	29.9
B5 L09 BED (2Bb1)	0.4	PASS	9	PASS	PASS	29.9
B5 L09 BED (3Ba3)	0.6	PASS	10	PASS	PASS	30
B5 L09 BED (3Ba1)	0.8	PASS	10	PASS	PASS	30.2
B5 L09 BED (3Ba2)	0.7	PASS	10	PASS	PASS	30.2
B5 L09 BED (4Ba1)	2	PASS	13	PASS	PASS	31.5
B5 L09 BED (4Ba3)	1.9	PASS	13	PASS	PASS	31.4
B5 L09 BED (4Ba4)	1.7	PASS	15	PASS	PASS	31.3
B5 L09 BED (4Ba2)	2	PASS	13	PASS	PASS	31.6
B5 L09 STUDIO o	0.8	PASS	12	PASS	PASS	30.6
B5 L09 STUDIO n	0.4	PASS	12	PASS	PASS	30.2
B5 L09 STUDIO m	0.8	PASS	16	PASS	PASS	30.6
B5 L09 STUDIO p	0.4	PASS	12	PASS	PASS	30.1
B5 L05 BED (2Bb2)	0.2	PASS	8	PASS	PASS	29.8
B5 L11 BED (2Bb2)	0.2	PASS	8	PASS	PASS	29.8
B5 L11 BED (2Bb1)	0.3	PASS	9	PASS	PASS	29.8
B5 L03 STUDIO l	0.7	PASS	11	PASS	PASS	30.6
B5 L03 STUDIO n	0.2	PASS	11	PASS	PASS	30
B5 L03 STUDIO ab	2.1	PASS	16	PASS	PASS	31.8
B5 L03 STUDIO ac	2.4	PASS	17	PASS	PASS	32.1

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L03 STUDIO al	2.2	PASS	15	PASS	PASS	32.3
B5 L03 STUDIO am	1.6	PASS	17	PASS	PASS	31.8
B5 L03 BED (2Ba1)	0.2	PASS	6	PASS	PASS	29.7
B5 L03 STUDIO g	0.7	PASS	13	PASS	PASS	30.6
B5 L03 STUDIO i	0.6	PASS	11	PASS	PASS	30.5
B5 L03 BED (3Ba1)	0.8	PASS	10	PASS	PASS	30.2
B5 L03 BED (3Ba2)	0.7	PASS	10	PASS	PASS	30.1
B5 L03 BED (3Ba3)	0.6	PASS	10	PASS	PASS	30
B5 L03 BED (2Bb1)	0.2	PASS	8	PASS	PASS	29.8
B5 L03 STUDIO av	0.6	PASS	8	PASS	PASS	30.3
B5 L03 STUDIO at	0.7	PASS	13	PASS	PASS	30.5
B5 L03 STUDIO	0.9	PASS	12	PASS	PASS	30.8
B5 L03 STUDIO aw	0.6	PASS	13	PASS	PASS	30.3
B5 L03 STUDIO ar	0.9	PASS	13	PASS	PASS	30.8
B5 L03 STUDIO aq	1	PASS	13	PASS	PASS	30.8
B5 L02 STUDIO o	0.8	PASS	12	PASS	PASS	30.5
B5 L02 STUDIO ag	2.1	PASS	16	PASS	PASS	32.2
B5 L02 STUDIO ac	2.3	PASS	16	PASS	PASS	32.1
B5 L02 STUDIO ah	2.2	PASS	16	PASS	PASS	32.3
B5 L02 STUDIO j	0.6	PASS	11	PASS	PASS	30.5
B5 L02 STUDIO ae	2.3	PASS	18	PASS	PASS	32.1
B5 L02 STUDIO ai	2.2	PASS	16	PASS	PASS	32.3
B5 L02 STUDIO a	0.4	PASS	10	PASS	PASS	30.2
B5 L02 STUDIO f	0.4	PASS	15	PASS	PASS	30.2
B5 L02 STUDIO aw	0.5	PASS	13	PASS	PASS	30.3
B5 L02 STUDIO ax	0.2	PASS	12	PASS	PASS	29.7
B5 L02 STUDIO e	0.3	PASS	6	PASS	PASS	29.9
B5 L02 STUDIO ap	1	PASS	15	PASS	PASS	30.7
B5 L02 STUDIO h	0.6	PASS	11	PASS	PASS	30.5
B5 L02 STUDIO an	1	PASS	15	PASS	PASS	30.7
B5 L02 STUDIO al	2.2	PASS	15	PASS	PASS	32.3

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L02 STUDIO	0.9	PASS	12	PASS	PASS	30.8
B5 L02 STUDIO av	0.6	PASS	8	PASS	PASS	30.3
B5 L01 BED (3Ba3)	0.9	PASS	11	PASS	PASS	30.2
B5 L01 BED (3Ba1)	1	PASS	11	PASS	PASS	30.3
B5 L01 BED (3Ba2)	0.9	PASS	11	PASS	PASS	30.2
B5 L01 BED (4Ba1)	1.2	PASS	11	PASS	PASS	30.6
B5 L01 BED (2Ba1)	0.6	PASS	9	PASS	PASS	30.1
B5 L01 BED (4Ba3)	1	PASS	12	PASS	PASS	30.4
B5 L04 STUDIO ad	2.5	PASS	17	PASS	PASS	32.2
B5 L04 STUDIO ak	2.2	PASS	15	PASS	PASS	32.3
B5 L04 STUDIO m	0.7	PASS	13	PASS	PASS	30.5
B5 L04 STUDIO am	1.7	PASS	17	PASS	PASS	31.8
B5 L04 STUDIO p	0.3	PASS	12	PASS	PASS	30
B5 L04 STUDIO af	2.1	PASS	15	PASS	PASS	31.7
B5 L04 STUDIO ar	0.9	PASS	13	PASS	PASS	30.8
B5 L04 STUDIO ab	2.2	PASS	15	PASS	PASS	32
B5 L04 STUDIO aq	1	PASS	13	PASS	PASS	30.8
B5 L05 STUDIO ag	2	PASS	16	PASS	PASS	32.1
B5 L05 STUDIO ac	2.5	PASS	16	PASS	PASS	32.2
B5 L05 STUDIO ah	2.2	PASS	15	PASS	PASS	32.3
B5 L05 STUDIO ae	2.4	PASS	17	PASS	PASS	32
B5 L05 STUDIO aj	2.2	PASS	15	PASS	PASS	32.4
B5 L05 STUDIO n	0.2	PASS	11	PASS	PASS	30.1
B5 L06 STUDIO ae	2.3	PASS	15	PASS	PASS	31.9
B5 L06 STUDIO aj	2.1	PASS	14	PASS	PASS	32.2
B5 L06 STUDIO n	0.3	PASS	12	PASS	PASS	30.1
B5 L06 STUDIO ak	2	PASS	14	PASS	PASS	32.2
B5 L06 STUDIO m	0.8	PASS	16	PASS	PASS	30.6
B5 L06 STUDIO am	1.5	PASS	16	PASS	PASS	31.7
B5 L06 STUDIO aq	0.8	PASS	12	PASS	PASS	30.7
B5 L06 STUDIO ao	1	PASS	15	PASS	PASS	30.6

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L06 STUDIO ap	0.8	PASS	14	PASS	PASS	30.6
B5 L06 STUDIO an	0.8	PASS	13	PASS	PASS	30.5
B5 L06 STUDIO al	1.9	PASS	14	PASS	PASS	32.2
B5 L06 STUDIO	0.8	PASS	11	PASS	PASS	30.7
B5 L10 BED (3Ba1)	0.8	PASS	10	PASS	PASS	30.2
B5 L10 BED (3Ba2)	0.7	PASS	10	PASS	PASS	30.1
B5 L10 BED (4Ba1)	1.9	PASS	13	PASS	PASS	31.5
B5 L10 BED (4Ba3)	1.9	PASS	13	PASS	PASS	31.4
B5 L10 BED (4Ba4)	1.7	PASS	15	PASS	PASS	31.2
B5 L10 BED (4Ba2)	2	PASS	13	PASS	PASS	31.5
B5 L11 BED (4Ba4)	1.7	PASS	13	PASS	PASS	31.2
B5 L11 BED (4Ba2)	1.9	PASS	12	PASS	PASS	31.4
B5 L10 STUDIO m	0.8	PASS	16	PASS	PASS	30.6
B5 L07 BED (2Bb1)	0.3	PASS	9	PASS	PASS	29.9
B5 L07 BED (3Ba3)	0.6	PASS	10	PASS	PASS	30
B5 L07 BED (3Ba1)	0.8	PASS	10	PASS	PASS	30.2
B5 L07 BED (3Ba2)	0.7	PASS	10	PASS	PASS	30.1
B5 L07 BED (4Ba1)	1.9	PASS	12	PASS	PASS	31.3
B5 L00 STUDIO aj	2.6	PASS	16	PASS	PASS	32.7
B5 L00 STUDIO ak	2.6	PASS	16	PASS	PASS	32.6
B5 L00 STUDIO ai	2.6	PASS	17	PASS	PASS	32.6
B5 L00 STUDIO aw	0.7	PASS	15	PASS	PASS	30.4
B5 L00 STUDIO ax	0.3	PASS	8	PASS	PASS	29.7
B5 L00 STUDIO al	2.3	PASS	18	PASS	PASS	32.3
B5 L00 STUDIO av	0.8	PASS	8	PASS	PASS	30.5
B5 L00 STUDIO ab	1.7	PASS	17	PASS	PASS	31.7
B5 L00 BED (2Ba1)	0.2	PASS	5	PASS	PASS	29.5
B5 L00 STUDIO b	0	PASS	4	PASS	PASS	29.2
B5 L00 STUDIO a	0.1	PASS	5	PASS	PASS	29.6
B5 L00 STUDIO e	0.1	PASS	2	PASS	PASS	29.3
B5 L00 BED (2Bc2)	0.5	PASS	16	PASS	PASS	30

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L02 BED (2Bb2)	0.1	PASS	7	PASS	PASS	29.6
B5 L03 STUDIO e	0.2	PASS	6	PASS	PASS	29.8
B5 L03 STUDIO d	0.4	PASS	13	PASS	PASS	30.3
B5 L03 STUDIO o	0.8	PASS	12	PASS	PASS	30.6
B5 L03 BED (2Bc2)	0.3	PASS	15	PASS	PASS	29.8
B5 L03 STUDIO aa	1	PASS	14	PASS	PASS	30.7
B5 L03 BED (4Ba4)	0.8	PASS	12	PASS	PASS	30.1
B5 L03 STUDIO h	0.6	PASS	11	PASS	PASS	30.5
B5 L03 STUDIO j	0.6	PASS	12	PASS	PASS	30.5
B5 L03 STUDIO k	0.6	PASS	12	PASS	PASS	30.5
B5 L03 STUDIO ad	2.5	PASS	18	PASS	PASS	32.2
B5 L03 STUDIO ae	2.3	PASS	18	PASS	PASS	32.1
B5 L03 STUDIO af	2.1	PASS	16	PASS	PASS	31.7
B5 L03 STUDIO ag	2.1	PASS	16	PASS	PASS	32.2
B5 L03 STUDIO ah	2.2	PASS	15	PASS	PASS	32.3
B5 L03 STUDIO ai	2.2	PASS	15	PASS	PASS	32.3
B5 L03 STUDIO aj	2.2	PASS	15	PASS	PASS	32.4
B5 L03 STUDIO ak	2.2	PASS	15	PASS	PASS	32.3
B5 L03 BED (2Ba2)	0.4	PASS	5	PASS	PASS	30
B5 L03 STUDIO f	0.3	PASS	15	PASS	PASS	30.1
B5 L03 STUDIO a	0.3	PASS	10	PASS	PASS	30.1
B5 L03 STUDIO c	0.4	PASS	11	PASS	PASS	30.2
B5 L03 STUDIO b	0.4	PASS	10	PASS	PASS	30.2
B5 L03 STUDIO m	0.6	PASS	13	PASS	PASS	30.5
B5 L03 BED (4Ba1)	1	PASS	11	PASS	PASS	30.3
B5 L03 BED (4Ba3)	0.8	PASS	12	PASS	PASS	30.2
B5 L03 BED (4Ba2)	1	PASS	11	PASS	PASS	30.4
B5 L03 BED (2Bb2)	0.2	PASS	7	PASS	PASS	29.7
B5 L03 STUDIO p	0.3	PASS	12	PASS	PASS	30.1
B5 L03 STUDIO au	0.7	PASS	12	PASS	PASS	30.6
B5 L03 STUDIO ax	0.2	PASS	12	PASS	PASS	29.8

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L02 STUDIO ad	2.4	PASS	18	PASS	PASS	32.1
B5 L02 STUDIO l	0.7	PASS	11	PASS	PASS	30.5
B5 L02 STUDIO i	0.6	PASS	11	PASS	PASS	30.5
B5 L02 STUDIO aj	2.2	PASS	15	PASS	PASS	32.4
B5 L02 STUDIO n	0.2	PASS	11	PASS	PASS	29.9
B5 L02 STUDIO ak	2.2	PASS	15	PASS	PASS	32.3
B5 L02 STUDIO g	0.8	PASS	13	PASS	PASS	30.7
B5 L02 STUDIO m	0.5	PASS	11	PASS	PASS	30.4
B5 L02 STUDIO d	0.5	PASS	14	PASS	PASS	30.4
B5 L02 STUDIO am	1.5	PASS	17	PASS	PASS	31.8
B5 L02 STUDIO b	0.4	PASS	12	PASS	PASS	30.3
B5 L02 STUDIO c	0.4	PASS	13	PASS	PASS	30.3
B5 L02 STUDIO au	0.7	PASS	11	PASS	PASS	30.5
B5 L02 STUDIO aa	0.9	PASS	14	PASS	PASS	30.7
B5 L02 STUDIO at	0.6	PASS	13	PASS	PASS	30.5
B5 L02 STUDIO p	0.3	PASS	12	PASS	PASS	30
B5 L02 STUDIO af	2.1	PASS	16	PASS	PASS	31.7
B5 L02 STUDIO k	0.6	PASS	11	PASS	PASS	30.5
B5 L02 STUDIO ar	1	PASS	13	PASS	PASS	30.8
B5 L02 STUDIO ab	2.1	PASS	16	PASS	PASS	31.8
B5 L02 STUDIO aq	1	PASS	12	PASS	PASS	30.8
B5 L02 STUDIO ao	1.1	PASS	15	PASS	PASS	30.8
B5 L01 BED (2Bb2)	0.3	PASS	6	PASS	PASS	29.9
B5 L01 BED (2Bc2)	0.6	PASS	15	PASS	PASS	30.1
B5 L01 BED (2Bc1)	1.3	PASS	15	PASS	PASS	30.6
B5 L01 BED (2Bb1)	0.4	PASS	8	PASS	PASS	29.9
B5 L01 BED (4Ba4)	0.8	PASS	14	PASS	PASS	30.3
B5 L01 BED (2Ba2)	0.7	PASS	6	PASS	PASS	30.4
B5 L01 BED (4Ba2)	1.2	PASS	11	PASS	PASS	30.7
B5 L04 STUDIO o	0.8	PASS	12	PASS	PASS	30.5
B5 L04 STUDIO ag	2.1	PASS	16	PASS	PASS	32.1

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L04 STUDIO ac	2.5	PASS	16	PASS	PASS	32.3
B5 L04 STUDIO ah	2.2	PASS	15	PASS	PASS	32.3
B5 L04 STUDIO ae	2.3	PASS	18	PASS	PASS	32.1
B5 L04 STUDIO aj	2.2	PASS	15	PASS	PASS	32.4
B5 L04 STUDIO n	0.2	PASS	11	PASS	PASS	30.1
B5 L04 STUDIO ai	2.2	PASS	15	PASS	PASS	32.3
B5 L04 STUDIO aw	0.7	PASS	13	PASS	PASS	30.4
B5 L04 STUDIO ax	0.2	PASS	12	PASS	PASS	29.8
B5 L04 STUDIO au	0.7	PASS	12	PASS	PASS	30.6
B5 L04 STUDIO aa	1	PASS	14	PASS	PASS	30.9
B5 L04 STUDIO at	0.7	PASS	13	PASS	PASS	30.6
B5 L04 STUDIO ao	1.1	PASS	15	PASS	PASS	30.8
B5 L04 STUDIO ap	1	PASS	15	PASS	PASS	30.7
B5 L04 STUDIO an	1	PASS	15	PASS	PASS	30.7
B5 L04 STUDIO al	2.2	PASS	15	PASS	PASS	32.3
B5 L04 STUDIO	0.9	PASS	13	PASS	PASS	30.8
B5 L04 STUDIO av	0.6	PASS	8	PASS	PASS	30.3
B5 L05 STUDIO ad	2.5	PASS	16	PASS	PASS	32.2
B5 L05 STUDIO o	0.8	PASS	12	PASS	PASS	30.6
B5 L06 STUDIO ad	2.3	PASS	15	PASS	PASS	32
B5 L06 STUDIO o	0.8	PASS	12	PASS	PASS	30.6
B5 L06 STUDIO ag	1.9	PASS	15	PASS	PASS	32
B5 L06 STUDIO ac	2.3	PASS	15	PASS	PASS	32
B5 L06 STUDIO ah	2.1	PASS	15	PASS	PASS	32.2
B5 L06 STUDIO ai	2	PASS	15	PASS	PASS	32.1
B5 L06 STUDIO aw	0.5	PASS	13	PASS	PASS	30.2
B5 L06 STUDIO ax	0.2	PASS	10	PASS	PASS	29.7
B5 L06 STUDIO au	0.6	PASS	11	PASS	PASS	30.5
B5 L06 STUDIO aa	1	PASS	13	PASS	PASS	30.9
B5 L06 STUDIO at	0.5	PASS	13	PASS	PASS	30.5
B5 L06 STUDIO p	0.4	PASS	12	PASS	PASS	30.1

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L06 STUDIO af	1.8	PASS	15	PASS	PASS	31.5
B5 L06 STUDIO ar	0.8	PASS	12	PASS	PASS	30.7
B5 L06 STUDIO ab	2	PASS	15	PASS	PASS	31.7
B5 L06 STUDIO av	0.6	PASS	8	PASS	PASS	30.2
B5 L10 BED (2Bb2)	0.3	PASS	9	PASS	PASS	29.9
B5 L11 BED (3Ba3)	0.5	PASS	10	PASS	PASS	29.9
B5 L11 BED (3Ba1)	0.7	PASS	10	PASS	PASS	30.1
B5 L10 BED (2Bb1)	0.4	PASS	9	PASS	PASS	29.9
B5 L10 BED (3Ba3)	0.6	PASS	10	PASS	PASS	30
B5 L11 BED (3Ba2)	0.5	PASS	10	PASS	PASS	30
B5 L11 BED (4Ba1)	1.9	PASS	11	PASS	PASS	31.4
B5 L11 BED (4Ba3)	1.7	PASS	12	PASS	PASS	31.3
B5 L11 STUDIO o	0.7	PASS	11	PASS	PASS	30.5
B5 L10 STUDIO o	0.8	PASS	12	PASS	PASS	30.6
B5 L11 STUDIO n	0.2	PASS	11	PASS	PASS	30.1
B5 L11 STUDIO m	0.7	PASS	14	PASS	PASS	30.5
B5 L11 STUDIO p	0.3	PASS	12	PASS	PASS	30
B5 L10 STUDIO n	0.4	PASS	12	PASS	PASS	30.2
B5 L07 BED (2Bb2)	0.3	PASS	9	PASS	PASS	29.9
B5 L07 BED (4Ba3)	1.9	PASS	14	PASS	PASS	31.2
B5 L07 BED (4Ba4)	1.7	PASS	15	PASS	PASS	31.2
B5 L10 STUDIO p	0.4	PASS	12	PASS	PASS	30
B5 L07 BED (4Ba2)	1.9	PASS	13	PASS	PASS	31.4
B5 L00 BED (2Bc1)	1.2	PASS	14	PASS	PASS	30.4
B5 L00 STUDIO ad	2.5	PASS	19	PASS	PASS	32.7
B5 L00 STUDIO ag	2.5	PASS	18	PASS	PASS	32.5
B5 L00 STUDIO ac	2.4	PASS	19	PASS	PASS	32.6
B5 L00 STUDIO ah	2.6	PASS	17	PASS	PASS	32.7
B5 L00 STUDIO ae	2.4	PASS	18	PASS	PASS	32.4
B5 L00 STUDIO au	0.9	PASS	12	PASS	PASS	30.7
B5 L00 STUDIO at	1.3	PASS	17	PASS	PASS	30.9

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L00 STUDIO af	2	PASS	16	PASS	PASS	31.9
B5 L00 STUDIO ar	1.6	PASS	19	PASS	PASS	31.2
B5 L00 STUDIO aq	1.4	PASS	13	PASS	PASS	31.1
B5 L00 STUDIO ao	1.6	PASS	16	PASS	PASS	31
B5 L00 STUDIO ap	1.5	PASS	15	PASS	PASS	31
B5 L00 STUDIO an	1.4	PASS	15	PASS	PASS	30.9
B5 L00 BED (2Ba2)	0.2	PASS	5	PASS	PASS	29.4
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.41TM59 overheating assessment results for all living/kitchen spaces within Block 5+, assessed against DSY3 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L00 LIVING/KITCHEN (2Ba)	0.9	PASS	30.1
B5 L00 LIVING/KITCHEN (2Bc)	2.9	PASS	31.2
B5 L01 KITCHEN (2Bb)	0.3	PASS	29.6
B5 L01 LIVING/KITCHEN (2Ba)	1.6	PASS	30.5
B5 L01 LIVING/KITCHEN (2Bc)	3	PASS	31.3
B5 L01 LIVING/KITCHEN (3Ba)	3	PASS	30.9
B5 L01 LIVING/KITCHEN (4Ba)	1.4	PASS	30.3
B5 L02 KITCHEN (2Bb)	0.1	PASS	29.3
B5 L02 LIVING/KITCHEN (2Ba)	1.1	PASS	30.3
B5 L02 LIVING/KITCHEN (2Bc)	2.2	PASS	31
B5 L02 LIVING/KITCHEN (3Ba)	2.1	PASS	30.6
B5 L02 LIVING/KITCHEN (4Ba)	0.8	PASS	30
B5 L03 KITCHEN (2Bb)	0.1	PASS	29.3
B5 L03 LIVING/KITCHEN (2Ba)	1	PASS	30.2
B5 L03 LIVING/KITCHEN (2Bc)	2.3	PASS	31
B5 L03 LIVING/KITCHEN (3Ba)	2.3	PASS	30.8
B5 L03 LIVING/KITCHEN (4Ba)	0.8	PASS	30
B5 L04 KITCHEN (2Bb)	0.1	PASS	29.3
B5 L04 LIVING/KITCHEN (2Bc)	2.3	PASS	30.9
B5 L04 LIVING/KITCHEN (3Ba)	2	PASS	30.6
B5 L04 LIVING/KITCHEN (4Ba)	1	PASS	30.1

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L05 KITCHEN (2Bb)	0.1	PASS	29.4
B5 L05 LIVING/KITCHEN (2Bc)	2.2	PASS	30.9
B5 L05 LIVING/KITCHEN (3Ba)	2.1	PASS	30.6
B5 L05 LIVING/KITCHEN (4Ba)	1	PASS	30.1
B5 L06 KITCHEN (2Bb)	0.1	PASS	29.4
B5 L06 LIVING/KITCHEN (2Bc)	1.9	PASS	30.8
B5 L06 LIVING/KITCHEN (3Ba)	2.1	PASS	30.6
B5 L06 LIVING/KITCHEN (4Ba)	1.1	PASS	30.2
B5 L07 KITCHEN (2Bb)	0.3	PASS	29.6
B5 L07 LIVING/KITCHEN (3Ba)	2.1	PASS	30.6
B5 L07 LIVING/KITCHEN (4Ba)	1.1	PASS	30.2
B5 L08 KITCHEN (2Bb)	0.3	PASS	29.6
B5 L08 LIVING/KITCHEN (3Ba)	2.2	PASS	30.6
B5 L08 LIVING/KITCHEN (4Ba)	1.2	PASS	30.2
B5 L09 KITCHEN (2Bb)	0.3	PASS	29.6
B5 L09 LIVING/KITCHEN (3Ba)	2.1	PASS	30.6
B5 L09 LIVING/KITCHEN (4Ba)	1.1	PASS	30.2
B5 L10 KITCHEN (2Bb)	0.3	PASS	29.7
B5 L10 LIVING/KITCHEN (3Ba)	2.1	PASS	30.6
B5 L10 LIVING/KITCHEN (4Ba)	1.1	PASS	30.2
B5 L11 KITCHEN (2Bb)	0.3	PASS	29.6
B5 L11 LIVING/KITCHEN (3Ba)	2	PASS	30.5
B5 L11 LIVING/KITCHEN (4Ba)	1	PASS	30.1
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.42TM59 overheating assessment results for all circulation spaces within Block 5+, assessed against DSY3 2020

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L00 CORRIDOR d	0.8	PASS	29.8
B5 L00 CORRIDOR e...	3.4	FAIL	31.6
B5 L00 CORRIDOR f	1.2	PASS	30.7
B5 L00 CORRIDOR TM59...	0	PASS	26.6
B5 L00 RISER...	0	PASS	27.1

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L01 CORRIDOR a	1.1	PASS	30.2
B5 L01 CORRIDOR b	1.3	PASS	30.2
B5 L01 CORRIDOR c	0.9	PASS	29.9
B5 L01 CORRIDOR d	1.2	PASS	30.7
B5 L02 CORRIDOR a	1.1	PASS	30
B5 L02 CORRIDOR b	1.2	PASS	30.2
B5 L02 CORRIDOR c	0.9	PASS	29.7
B5 L02 CORRIDOR d	1	PASS	30.3
B5 L03 CORRIDOR a	1.1	PASS	30
B5 L03 CORRIDOR b	1.4	PASS	30.4
B5 L03 CORRIDOR c	0.9	PASS	29.7
B5 L03 CORRIDOR d	1.1	PASS	30.3
B5 L04 CORRIDOR b	1	PASS	29.8
B5 L04 CORRIDOR c	0.8	PASS	29.6
B5 L04 CORRIDOR d	1	PASS	30.3
B5 L05 CORRIDOR b	1.1	PASS	29.9
B5 L05 CORRIDOR c	0.9	PASS	29.6
B5 L05 CORRIDOR d	1.1	PASS	30.3
B5 L06 CORRIDOR b	1.1	PASS	29.9
B5 L06 CORRIDOR c	0.8	PASS	29.6
B5 L06 CORRIDOR d	0.9	PASS	30.2
B5 L07 CORRIDOR b	1.3	PASS	29.9
B5 L08 CORRIDOR b	1.4	PASS	30
B5 L09 CORRIDOR b	1.4	PASS	30
B5 L10 CORRIDOR b	1.4	PASS	30
B5 L11 CORRIDOR b	1.3	PASS	29.9

D.4 DSY1 2050 (Projected Future)

D.4.1 Block 1

Table D.43TM59 overheating assessment results for all bedroom and studio spaces within Block 1, assessed against DSY1 2050

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B1 L02 STUDIO k	0.1	PASS	4	PASS	PASS	29
B1 L02 STUDIO l	0.1	PASS	4	PASS	PASS	29
B1 L02 STUDIO e	0.2	PASS	6	PASS	PASS	29.5
B1 L02 STUDIO i	0	PASS	4	PASS	PASS	28.9
B1 L02 STUDIO h	0.1	PASS	3	PASS	PASS	29.2
B1 L02 STUDIO f	0.2	PASS	5	PASS	PASS	29.5
B1 L02 STUDIO m	0.1	PASS	4	PASS	PASS	29
B1 L02 STUDIO n	0.1	PASS	4	PASS	PASS	29.1
B1 L02 STUDIO c	0.2	PASS	5	PASS	PASS	29.5
B1 L02 STUDIO o	0	PASS	3	PASS	PASS	28.9
B1 L02 STUDIO p	0	PASS	3	PASS	PASS	28.8
B1 L02 STUDIO b	0.2	PASS	5	PASS	PASS	29.4
B1 L02 STUDIO q	0	PASS	3	PASS	PASS	28.9
B1 L02 STUDIO r	0.1	PASS	3	PASS	PASS	28.9
B1 L02 STUDIO a	0.2	PASS	4	PASS	PASS	29.5
B1 L02 STUDIO s	0	PASS	3	PASS	PASS	28.7
B1 L02 STUDIO d	0.2	PASS	5	PASS	PASS	29.5
B1 L02 STUDIO g	0.1	PASS	5	PASS	PASS	29.4
B1 L02 STUDIO j	0.1	PASS	3	PASS	PASS	29
B1 L03 STUDIO k	0.1	PASS	3	PASS	PASS	29
B1 L03 STUDIO l	0.1	PASS	3	PASS	PASS	29
B1 L03 STUDIO e	0.2	PASS	6	PASS	PASS	29.5
B1 L03 STUDIO i	0.1	PASS	4	PASS	PASS	29.1
B1 L03 STUDIO h	0.1	PASS	3	PASS	PASS	29.2
B1 L03 STUDIO f	0.2	PASS	5	PASS	PASS	29.5
B1 L03 STUDIO m	0.1	PASS	3	PASS	PASS	29
B1 L03 STUDIO n	0.1	PASS	3	PASS	PASS	29.1
B1 L03 STUDIO c	0.2	PASS	4	PASS	PASS	29.5

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B1 L03 STUDIO o	0	PASS	3	PASS	PASS	28.9
B1 L03 STUDIO p	0	PASS	3	PASS	PASS	28.8
B1 L03 STUDIO b	0.2	PASS	3	PASS	PASS	29.4
B1 L03 STUDIO q	0	PASS	3	PASS	PASS	28.8
B1 L03 STUDIO r	0	PASS	3	PASS	PASS	28.9
B1 L03 STUDIO a	0.2	PASS	4	PASS	PASS	29.5
B1 L03 STUDIO s	0	PASS	3	PASS	PASS	28.6
B1 L03 STUDIO d	0.2	PASS	5	PASS	PASS	29.4
B1 L03 STUDIO g	0.2	PASS	5	PASS	PASS	29.5
B1 L03 STUDIO j	0.1	PASS	3	PASS	PASS	29
B1 L01 STUDIO k	0.1	PASS	3	PASS	PASS	29
B1 L01 STUDIO l	0.1	PASS	4	PASS	PASS	29
B1 L01 STUDIO e	0.1	PASS	5	PASS	PASS	29.4
B1 L01 STUDIO i	0	PASS	3	PASS	PASS	28.8
B1 L01 STUDIO h	0.1	PASS	3	PASS	PASS	29.2
B1 L01 STUDIO f	0.1	PASS	5	PASS	PASS	29.4
B1 L01 STUDIO m	0.1	PASS	4	PASS	PASS	29
B1 L01 STUDIO n	0.1	PASS	5	PASS	PASS	29.2
B1 L01 STUDIO c	0.2	PASS	5	PASS	PASS	29.5
B1 L01 STUDIO o	0	PASS	3	PASS	PASS	28.9
B1 L01 STUDIO p	0	PASS	3	PASS	PASS	28.8
B1 L01 STUDIO b	0.2	PASS	3	PASS	PASS	29.4
B1 L01 STUDIO q	0	PASS	3	PASS	PASS	28.9
B1 L01 STUDIO r	0	PASS	3	PASS	PASS	28.9
B1 L01 STUDIO a	0.1	PASS	3	PASS	PASS	29.3
B1 L01 STUDIO s	0	PASS	3	PASS	PASS	28.6
B1 L01 STUDIO d	0.2	PASS	5	PASS	PASS	29.5
B1 L01 STUDIO g	0.1	PASS	5	PASS	PASS	29.4
B1 L01 STUDIO j	0.1	PASS	3	PASS	PASS	29
B1 L00 STUDIO k	0.2	PASS	5	PASS	PASS	29.4
B1 L00 STUDIO l	0.2	PASS	5	PASS	PASS	29.4

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B1 L00 STUDIO e	0.2	PASS	5	PASS	PASS	29.7
B1 L00 STUDIO h	0.1	PASS	5	PASS	PASS	29.5
B1 L00 STUDIO f	0.3	PASS	5	PASS	PASS	29.7
B1 L00 STUDIO m	0.2	PASS	5	PASS	PASS	29.4
B1 L00 STUDIO c	0.3	PASS	5	PASS	PASS	29.8
B1 L00 STUDIO o	0.2	PASS	5	PASS	PASS	29.4
B1 L00 STUDIO p	0.1	PASS	5	PASS	PASS	29.2
B1 L00 STUDIO b	0.2	PASS	5	PASS	PASS	29.7
B1 L00 STUDIO q	0.1	PASS	4	PASS	PASS	29.2
B1 L00 STUDIO r	0.1	PASS	5	PASS	PASS	29.3
B1 L00 STUDIO a	0.2	PASS	5	PASS	PASS	29.5
B1 L00 STUDIO s	0.1	PASS	4	PASS	PASS	29
B1 L00 STUDIO d	0.3	PASS	5	PASS	PASS	29.8
B1 L00 STUDIO g	0.3	PASS	5	PASS	PASS	29.7
B1 L00 STUDIO j	0.2	PASS	5	PASS	PASS	29.3
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.44 TM59 overheating assessment results for all circulation spaces within Block 1, assessed against DSY1 2050

Room Name	Criterion A	PASS/FAIL	Peak temperature (°C)
B1 L02 CORRIDOR a	0.2	PASS	28.6
B1 L02 CORRIDOR c	0	PASS	28.1
B1 L03 CORRIDOR a	0.2	PASS	28.6
B1 L03 CORRIDOR c	0	PASS	28.1
B1 L01 CORRIDOR a	0.2	PASS	28.5
B1 L01 CORRIDOR c	0	PASS	28
B1 L00 CORRIDOR a	0.2	PASS	28.4
B1 L00 CORRIDOR c	0.1	PASS	28.3
B1 L02 CIRC 00	0	PASS	27
B1 L02 STAIR 01	0	PASS	27.1
B1 L02 STAIR 02	0.5	PASS	29.6
B1 L02 CIRC 03	0	PASS	28
B1 L03 CIRC 04	0	PASS	27

Room Name	Criterion A	PASS/FAIL	Peak temperature (°C)
B1 L03 STAIR 05	0	PASS	27.3
B1 L03 STAIR 06	0.5	PASS	29.6
B1 L03 CIRC 07	0	PASS	28
B1 L01 CIRC 08	0	PASS	27.1
B1 L01 STAIR 09	0	PASS	27
B1 L01 STAIR 10	0.3	PASS	29.2
B1 L01 CIRC 11	0	PASS	27.8
B1 L00 STAIR 12	0	PASS	26.4
B1 L00 STAIR 13	0.4	PASS	29.6
B1 L00 CIRC 14	0.1	PASS	28.4

D.4.2 Block 2

Table D.45 TM59 overheating assessment results for all bedroom and studio spaces within Block 2, assessed against DSY1 2050

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B2 L02 STUDIO a	0.1	PASS	2	PASS	PASS	29.1
B2 L02 STUDIO i	0.1	PASS	3	PASS	PASS	29.2
B2 L02 STUDIO d	0.1	PASS	3	PASS	PASS	29.4
B2 L02 STUDIO f	0.1	PASS	3	PASS	PASS	29.4
B2 L02 STUDIO j	0.2	PASS	6	PASS	PASS	29.7
B2 L02 STUDIO h	0.1	PASS	3	PASS	PASS	29.2
B2 L02 STUDIO c	0	PASS	2	PASS	PASS	28.8
B2 L02 STUDIO e	0.1	PASS	3	PASS	PASS	29.4
B2 L02 STUDIO b	0.1	PASS	3	PASS	PASS	29.1
B2 L02 STUDIO g	0.1	PASS	3	PASS	PASS	29.4
B2 L01 STUDIO a	0	PASS	3	PASS	PASS	29
B2 L01 STUDIO i	0.1	PASS	3	PASS	PASS	29.1
B2 L01 STUDIO d	0.1	PASS	3	PASS	PASS	29.3
B2 L01 STUDIO f	0.1	PASS	4	PASS	PASS	29.3
B2 L01 STUDIO j	0.2	PASS	6	PASS	PASS	29.4
B2 L01 STUDIO h	0.1	PASS	3	PASS	PASS	29.2
B2 L01 STUDIO c	0	PASS	3	PASS	PASS	28.8

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B2 L01 STUDIO e	0.1	PASS	3	PASS	PASS	29.2
B2 L01 STUDIO b	0	PASS	3	PASS	PASS	29
B2 L01 STUDIO g	0.1	PASS	4	PASS	PASS	29.3
B2 L00 STUDIO i	0.1	PASS	3	PASS	PASS	29.1
B2 L00 STUDIO f	0.1	PASS	3	PASS	PASS	29.2
B2 L00 STUDIO j	0.2	PASS	6	PASS	PASS	29.8
B2 L00 STUDIO h	0.1	PASS	3	PASS	PASS	29.2
B2 L00 STUDIO g	0.1	PASS	3	PASS	PASS	29.3
B2 L03 STUDIO a	0.1	PASS	3	PASS	PASS	29.2
B2 L03 STUDIO i	0.1	PASS	3	PASS	PASS	29.2
B2 L03 STUDIO d	0.1	PASS	3	PASS	PASS	29.4
B2 L03 STUDIO f	0.1	PASS	3	PASS	PASS	29.4
B2 L03 STUDIO j	0.3	PASS	6	PASS	PASS	29.7
B2 L03 STUDIO h	0.1	PASS	3	PASS	PASS	29.2
B2 L03 STUDIO e	0.1	PASS	3	PASS	PASS	29.4
B2 L03 STUDIO b	0.1	PASS	2	PASS	PASS	29.1
B2 L03 STUDIO g	0.1	PASS	3	PASS	PASS	29.4
B2 L04 STUDIO a	0.1	PASS	3	PASS	PASS	29.2
B2 L04 STUDIO i	0.1	PASS	3	PASS	PASS	29.2
B2 L04 STUDIO d	0.2	PASS	3	PASS	PASS	29.4
B2 L04 STUDIO f	0.1	PASS	3	PASS	PASS	29.4
B2 L04 STUDIO h	0.1	PASS	3	PASS	PASS	29.3
B2 L04 STUDIO c	0	PASS	2	PASS	PASS	28.8
B2 L04 STUDIO e	0.1	PASS	3	PASS	PASS	29.4
B2 L04 STUDIO b	0.1	PASS	3	PASS	PASS	29.1
B2 L04 STUDIO g	0.1	PASS	3	PASS	PASS	29.4
B2 L05 STUDIO a	0.1	PASS	2	PASS	PASS	29.2
B2 L05 STUDIO i	0.1	PASS	3	PASS	PASS	29.1
B2 L05 STUDIO d	0.1	PASS	3	PASS	PASS	29.4
B2 L05 STUDIO f	0.1	PASS	3	PASS	PASS	29.3
B2 L05 STUDIO h	0.1	PASS	3	PASS	PASS	29.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B2 L05 STUDIO c	0	PASS	2	PASS	PASS	28.8
B2 L05 STUDIO e	0.1	PASS	3	PASS	PASS	29.3
B2 L05 STUDIO b	0.1	PASS	2	PASS	PASS	29.1
B2 L05 STUDIO g	0.1	PASS	3	PASS	PASS	29.3
B2 L02 BED (2Ba2)	0	PASS	2	PASS	PASS	29
B2 L02 BED (2Bb1)	0	PASS	1	PASS	PASS	28.5
B2 L02 BED (2Ba1)	0	PASS	2	PASS	PASS	29
B2 L02 BED (2Bb2)	0	PASS	1	PASS	PASS	28.4
B2 L02 BED (3Ba1)	0	PASS	3	PASS	PASS	29
B2 L02 BED (3Bd2)	0	PASS	5	PASS	PASS	28.8
B2 L02 BED (3Bc3)	0.4	PASS	4	PASS	PASS	29.8
B2 L02 BED (3Be1)	0	PASS	3	PASS	PASS	28.6
B2 L02 BED (3Be2)	0	PASS	5	PASS	PASS	28.8
B2 L02 BED (3Be3)	0	PASS	3	PASS	PASS	28.5
B2 L02 BED (3Bd1)	0	PASS	5	PASS	PASS	28.7
B2 L02 BED (3Bc2)	0.5	PASS	10	PASS	PASS	30
B2 L02 BED (3Bb3)	0.5	PASS	7	PASS	PASS	30
B2 L02 BED (3Bc1)	0.5	PASS	7	PASS	PASS	30.1
B2 L02 BED (3Bb2)	0.4	PASS	10	PASS	PASS	30
B2 L02 BED (3Bb1)	0.4	PASS	3	PASS	PASS	29.8
B2 L02 BED (3Ba2)	0.4	PASS	7	PASS	PASS	29.9
B2 L02 BED (3Ba3)	0.4	PASS	3	PASS	PASS	29.9
B2 L02 BED (3Bd3)	0	PASS	2	PASS	PASS	28.7
B2 L02 BED (4Ba3)	0	PASS	6	PASS	PASS	28.9
B2 L02 BED (4Ba2)	0	PASS	7	PASS	PASS	28.9
B2 L02 BED (4Ba4)	0	PASS	5	PASS	PASS	28.7
B2 L02 BED (4Ba1) *	2.7	PASS	79	FAIL	FAIL	28.6
B2 L01 BED (2Ba2)	0	PASS	2	PASS	PASS	28.8
B2 L01 BED (2Bb2)	0	PASS	2	PASS	PASS	28.5
B2 L01 BED (2Ba1)	0	PASS	2	PASS	PASS	28.9
B2 L01 BED (2Bb1)	0	PASS	2	PASS	PASS	28.4

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B2 L01 BED (3Ba1)	0	PASS	4	PASS	PASS	28.7
B2 L01 BED (3Bc3)	0.3	PASS	4	PASS	PASS	29.6
B2 L01 BED (3Bc2)	0.4	PASS	11	PASS	PASS	29.8
B2 L01 BED (3Bb3)	0.3	PASS	7	PASS	PASS	29.7
B2 L01 BED (3Bc1)	0.4	PASS	8	PASS	PASS	29.8
B2 L01 BED (3Bb2)	0.3	PASS	10	PASS	PASS	29.7
B2 L01 BED (3Bb1)	0.3	PASS	3	PASS	PASS	29.5
B2 L01 BED (3Ba2)	0.2	PASS	7	PASS	PASS	29.5
B2 L01 BED (3Ba3)	0.3	PASS	3	PASS	PASS	29.6
B2 L01 BED (3Bd3)	0	PASS	3	PASS	PASS	28.8
B2 L01 BED (3Bd2)	0	PASS	7	PASS	PASS	28.9
B2 L01 BED (3Bd1)	0	PASS	5	PASS	PASS	28.7
B2 L01 BED (4Be2)	0	PASS	5	PASS	PASS	28.5
B2 L01 BED (2Be1)	0	PASS	3	PASS	PASS	28.5
B2 L01 BED (2Bd2)	0	PASS	4	PASS	PASS	28.5
B2 L01 BED (2Bd1)	0	PASS	2	PASS	PASS	28.3
B2 L01 BED (2Bc1)	0	PASS	4	PASS	PASS	28.4
B2 L01 BED (2Bc2)	0	PASS	2	PASS	PASS	28.4
B2 L00 BED (2Ba2)	0	PASS	2	PASS	PASS	28.8
B2 L00 BED (2Ba1)	0	PASS	2	PASS	PASS	28.8
B2 L00 BED (3Bc3)	0.4	PASS	4	PASS	PASS	29.9
B2 L00 BED (3Bc2)	0.5	PASS	11	PASS	PASS	30.1
B2 L00 BED (3Bb3)	0.4	PASS	9	PASS	PASS	30
B2 L00 BED (3Bc1)	0.4	PASS	10	PASS	PASS	30.1
B2 L00 BED (3Bb2)	0.4	PASS	10	PASS	PASS	29.9
B2 L00 BED (3Bb1)	0.4	PASS	4	PASS	PASS	29.9
B2 L00 BED (3Bd3)	0	PASS	3	PASS	PASS	29
B2 L00 BED (3Bd2)	0.1	PASS	11	PASS	PASS	29.2
B2 L00 BED (3Bd1)	0	PASS	5	PASS	PASS	29
B2 L00 BED (4Be2)	0	PASS	5	PASS	PASS	28.8
B2 L00 BED (2Be1)	0	PASS	3	PASS	PASS	28.7

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B2 L00 BED (2Bd2)	0	PASS	5	PASS	PASS	28.7
B2 L00 BED (2Bd1)	0	PASS	3	PASS	PASS	28.6
B2 L00 BED (2Bc1)	0	PASS	5	PASS	PASS	28.7
B2 L00 BED (2Bc2)	0	PASS	3	PASS	PASS	28.7
B2 L03 BED (2Ba2)	0	PASS	2	PASS	PASS	29
B2 L03 BED (2Ba1)	0	PASS	2	PASS	PASS	29
B2 L03 BED (3Ba1)	0	PASS	3	PASS	PASS	28.9
B2 L03 BED (3Bc3)	0.4	PASS	4	PASS	PASS	29.8
B2 L03 BED (3Bc2)	0.4	PASS	10	PASS	PASS	30
B2 L03 BED (3Bb3)	0.5	PASS	6	PASS	PASS	30
B2 L03 BED (3Bc1)	0.5	PASS	6	PASS	PASS	30
B2 L03 BED (3Bb2)	0.4	PASS	10	PASS	PASS	29.9
B2 L03 BED (3Bb1)	0.4	PASS	3	PASS	PASS	29.7
B2 L03 BED (3Ba2)	0.4	PASS	7	PASS	PASS	29.9
B2 L03 BED (3Ba3)	0.4	PASS	3	PASS	PASS	29.9
B2 L04 BED (2Ba2)	0	PASS	2	PASS	PASS	29
B2 L04 BED (2Ba1)	0	PASS	2	PASS	PASS	29
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.46TM59 overheating assessment results for all living/kitchen spaces within Block 2, assessed against DSY1 2050

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L02 KITCHEN (3Bd)*	1.6	PASS	28.4
B2 L02 KITCHEN (3Bc)*	2.2	PASS	28.9
B2 L02 KITCHEN (3Ba)*	1.4	PASS	28.2
B2 L02 KITCHEN (3Be)*	1.6	PASS	28.4
B2 L02 KITCHEN (3Bb)*	1.7	PASS	28.6
B2 L02 KITCHEN (4B)*	2.2	PASS	28.7
B2 L02 KITCHEN (2Bb)*	0.6	PASS	27.2
B2 L02 LIVING (4Ba)	0.6	PASS	29.7
B2 L02 LIVING/KITCHEN (2Ba)	0	PASS	28.7
B2 L01 KITCHEN (3Bc)*	2	PASS	28.7
B2 L01 KITCHEN (3Ba)*	1.3	PASS	28.1

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L01 KITCHEN (3Bb)*	1.6	PASS	28.4
B2 L01 KITCHEN (2Bb)*	0.6	PASS	27.1
B2 L01 LIVING/KITCHEN (2Ba)	0	PASS	28.6
B2 L01 KITCHEN (3Bd)*	1.9	PASS	28.7
B2 L01 KITCHEN (2Be)*	1.4	PASS	28.4
B2 L01 KITCHEN (2Bd)*	1.3	PASS	28.4
B2 L01 KITCHEN (2Bc)*	1.4	PASS	28.5
B2 L00 KITCHEN (3Bc)*	1.9	PASS	29
B2 L00 KITCHEN (3Bb)*	1.6	PASS	28.7
B2 L00 LIVING/KITCHEN (2Ba)	0	PASS	28.8
B2 L00 KITCHEN (3Bd)*	1.7	PASS	28.9
B2 L00 KITCHEN (2Be)*	1.4	PASS	28.7
B2 L00 KITCHEN (2Bd)*	1.5	PASS	28.7
B2 L00 KITCHEN (2Bc)*	1.5	PASS	28.8
B2 L03 KITCHEN (3Bc)*	2.9	PASS	29.3
B2 L03 KITCHEN (3Ba)*	1.7	PASS	28.4
B2 L03 KITCHEN (3Bb)*	2.2	PASS	28.9
B2 L03 LIVING/KITCHEN (2Ba)	0	PASS	28.7
B2 L04 LIVING/KITCHEN (2Ba)	0	PASS	28.7
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.47 TM59 overheating assessment results for all circulation spaces within Block 2, assessed against DSY1 2050

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L02 CORRIDOR a	0.1	PASS	28.5
B2 L02 CORRIDOR b	0	PASS	27.9
B2 L01 CORRIDOR a	0	PASS	28.2
B2 L01 CORRIDOR b	0	PASS	27.9
B2 L00 CORRIDOR b	0.1	PASS	28.3
B2 L00 CORRIDOR a	0.1	PASS	28.3
B2 L03 CORRIDOR a	0.9	PASS	29.2
B2 L03 CORRIDOR b	0	PASS	28
B2 L04 CORRIDOR b	0.1	PASS	28.1

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L05 CORRIDOR b	0.1	PASS	28.2
B2 L02 CIRC 15	0	PASS	25.7
B2 L02 CIRC (3B) 00	0	PASS	26.9
B2 L02 CIRC (3B) 01	0	PASS	26.4
B2 L02 CIRC (3B) 02	0	PASS	26.5
B2 L02 CIRC (3B) 03	0	PASS	26.8
B2 L02 CIRC (3B) 04	0	PASS	26.6
B2 L02 CIRC (4B) 05	0	PASS	26.4
B2 L02 CIRC (4B) 06	0	PASS	27
B2 L02 STAIR 16	0	PASS	27.6
B2 L02 STAIR 17	0	PASS	26.3
B2 L01 CIRC 18	0	PASS	25.9
B2 L01 CIRC (3B) 07	0	PASS	26.7
B2 L01 CIRC (3B) 08	0	PASS	26.6
B2 L01 CIRC (3B) 09	0	PASS	26.4
B2 L01 STAIR 19	0	PASS	27.4
B2 L01 STAIR 20	0	PASS	26.4
B2 L01 CIRC (3B) 10	0	PASS	26.5
B2 L01 CIRC (2B) 11	0	PASS	26.5
B2 L01 CIRC (2B) 12	0	PASS	26.4
B2 L01 CIRC (2B) 13	0	PASS	26.4
B2 L00 CIRC (3B) 14	0	PASS	26.8
B2 L00 CIRC (3B) 15	0	PASS	26.6
B2 L00 STAIR 21	0	PASS	27.3
B2 L00 STAIR 22	0	PASS	26.6
B2 L00 CIRC (3B) 16	0	PASS	26.5
B2 L00 CIRC (2B) 17	0	PASS	26.5
B2 L00 CIRC (2B) 18	0	PASS	26.5
B2 L00 CIRC (2B) 19	0	PASS	26.5
B2 L00 CORRIDOR 23	0	PASS	27
B2 L00 CIRC 24	0	PASS	26.8

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B2 L03 CIRC 25	0	PASS	25.7
B2 L03 CIRC (3B) 20	0	PASS	27.1
B2 L03 CIRC (3B) 21	0	PASS	27
B2 L03 CIRC (3B) 22	0	PASS	26.9
B2 L03 STAIR 26	0	PASS	27.8
B2 L03 STAIR 27	0	PASS	26.3
B2 L04 STAIR 28	0	PASS	26
B2 L04 CIRC 29	0	PASS	25.4
B2 L05 STAIR 30	0	PASS	26
B2 L05 CIRC 31	0	PASS	25.4

D.4.3 Block 3

Table D.48TM59 overheating assessment results for all bedroom and studio spaces within Block 3, assessed against DSY1 2050

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B3 L03 STUDIO j	0.3	PASS	5	PASS	PASS	29.6
B3 L02 STUDIO a	0.1	PASS	2	PASS	PASS	29.1
B3 L02 STUDIO i	0.1	PASS	3	PASS	PASS	29.1
B3 L02 STUDIO d	0.1	PASS	3	PASS	PASS	29.4
B3 L02 STUDIO f	0.1	PASS	3	PASS	PASS	29.4
B3 L02 STUDIO j	0.1	PASS	3	PASS	PASS	29.4
B3 L02 STUDIO h	0.1	PASS	3	PASS	PASS	29.2
B3 L02 STUDIO c	0	PASS	2	PASS	PASS	28.8
B3 L02 STUDIO e	0.1	PASS	3	PASS	PASS	29.3
B3 L02 STUDIO b	0.1	PASS	2	PASS	PASS	29.1
B3 L02 STUDIO g	0.1	PASS	3	PASS	PASS	29.3
B3 L01 STUDIO a	0	PASS	2	PASS	PASS	29
B3 L01 STUDIO i	0.1	PASS	3	PASS	PASS	29.1
B3 L01 STUDIO d	0.1	PASS	3	PASS	PASS	29.3
B3 L01 STUDIO f	0.1	PASS	3	PASS	PASS	29.3
B3 L01 STUDIO j	0	PASS	3	PASS	PASS	28.6
B3 L01 STUDIO h	0.1	PASS	3	PASS	PASS	29.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B3 L01 STUDIO c	0	PASS	3	PASS	PASS	28.8
B3 L01 STUDIO e	0.1	PASS	3	PASS	PASS	29.2
B3 L01 STUDIO b	0	PASS	3	PASS	PASS	29
B3 L01 STUDIO g	0.1	PASS	3	PASS	PASS	29.3
B3 L00 STUDIO i	0.1	PASS	3	PASS	PASS	29.1
B3 L00 STUDIO f	0.1	PASS	3	PASS	PASS	29.2
B3 L00 STUDIO j	0	PASS	5	PASS	PASS	29
B3 L00 STUDIO h	0.1	PASS	3	PASS	PASS	29.2
B3 L00 STUDIO g	0.1	PASS	3	PASS	PASS	29.3
B3 L03 STUDIO a	0.1	PASS	2	PASS	PASS	29.1
B3 L03 STUDIO i	0.1	PASS	3	PASS	PASS	29.1
B3 L03 STUDIO d	0.1	PASS	3	PASS	PASS	29.4
B3 L03 STUDIO f	0.1	PASS	3	PASS	PASS	29.4
B3 L03 STUDIO h	0.1	PASS	3	PASS	PASS	29.2
B3 L03 STUDIO e	0.1	PASS	3	PASS	PASS	29.4
B3 L03 STUDIO b	0.1	PASS	2	PASS	PASS	29.1
B3 L03 STUDIO g	0.1	PASS	3	PASS	PASS	29.3
B3 L04 STUDIO a	0.1	PASS	2	PASS	PASS	29.1
B3 L04 STUDIO i	0.1	PASS	3	PASS	PASS	29.2
B3 L04 STUDIO d	0.1	PASS	3	PASS	PASS	29.4
B3 L04 STUDIO f	0.1	PASS	3	PASS	PASS	29.4
B3 L04 STUDIO h	0.1	PASS	3	PASS	PASS	29.2
B3 L04 STUDIO c	0	PASS	2	PASS	PASS	28.8
B3 L04 STUDIO e	0.1	PASS	3	PASS	PASS	29.4
B3 L04 STUDIO b	0.1	PASS	2	PASS	PASS	29.1
B3 L04 STUDIO g	0.1	PASS	3	PASS	PASS	29.3
B3 L05 STUDIO a	0.1	PASS	2	PASS	PASS	29.1
B3 L05 STUDIO i	0.1	PASS	3	PASS	PASS	29.1
B3 L05 STUDIO d	0.1	PASS	3	PASS	PASS	29.3
B3 L05 STUDIO f	0.1	PASS	3	PASS	PASS	29.3
B3 L05 STUDIO h	0.1	PASS	3	PASS	PASS	29.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B3 L05 STUDIO c	0	PASS	1	PASS	PASS	28.8
B3 L05 STUDIO e	0.1	PASS	3	PASS	PASS	29.3
B3 L05 STUDIO b	0.1	PASS	2	PASS	PASS	29
B3 L05 STUDIO g	0.1	PASS	3	PASS	PASS	29.3
B3 L02 BED (2Ba2)	0	PASS	2	PASS	PASS	29
B3 L02 BED (2Bb1)	0	PASS	1	PASS	PASS	28.3
B3 L02 BED (2Ba1)	0	PASS	2	PASS	PASS	29
B3 L02 BED (2Bb2)	0	PASS	1	PASS	PASS	28.2
B3 L02 BED (3Ba1)	0	PASS	3	PASS	PASS	28
B3 L02 BED (3Bd2)	0	PASS	5	PASS	PASS	28.8
B3 L02 BED (3Bc3)	0.4	PASS	4	PASS	PASS	29.8
B3 L02 BED (3Be1)	0	PASS	3	PASS	PASS	28.6
B3 L02 BED (3Be2)	0	PASS	5	PASS	PASS	28.7
B3 L02 BED (3Be3)	0	PASS	3	PASS	PASS	28.3
B3 L02 BED (3Bd1)	0	PASS	4	PASS	PASS	28.7
B3 L02 BED (3Bc2)	0.4	PASS	7	PASS	PASS	29.8
B3 L02 BED (3Bb3)	0.4	PASS	5	PASS	PASS	29.8
B3 L02 BED (3Bc1)	0.4	PASS	6	PASS	PASS	29.9
B3 L02 BED (3Bb2)	0.3	PASS	7	PASS	PASS	29.7
B3 L02 BED (3Bb1)	0.3	PASS	3	PASS	PASS	29.7
B3 L02 BED (3Ba2)	0.1	PASS	5	PASS	PASS	29.2
B3 L02 BED (3Ba3)	0.1	PASS	2	PASS	PASS	29.3
B3 L02 BED (3Bd3)	0	PASS	2	PASS	PASS	28.7
B3 L02 BED (4Ba3)	0	PASS	6	PASS	PASS	28.9
B3 L02 BED (4Ba2)	0	PASS	6	PASS	PASS	28.9
B3 L02 BED (4Ba4)	0	PASS	5	PASS	PASS	28.7
B3 L02 BED (4Ba1) *	2.6	PASS	77	FAIL	FAIL	28.6
B3 L01 BED (2Ba2)	0	PASS	2	PASS	PASS	28.8
B3 L01 BED (2Bb2)	0	PASS	1	PASS	PASS	28.3
B3 L01 BED (2Ba1)	0	PASS	2	PASS	PASS	28.9
B3 L01 BED (2Bb1)	0	PASS	1	PASS	PASS	28.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B3 L01 BED (3Ba1)	0	PASS	3	PASS	PASS	27.9
B3 L01 BED (3Bc3)	0.1	PASS	3	PASS	PASS	29.3
B3 L01 BED (3Bc2)	0.1	PASS	7	PASS	PASS	29.3
B3 L01 BED (3Bb3)	0	PASS	6	PASS	PASS	29.3
B3 L01 BED (3Bc1)	0.1	PASS	6	PASS	PASS	29.3
B3 L01 BED (3Bb2)	0.1	PASS	6	PASS	PASS	29.3
B3 L01 BED (3Bb1)	0	PASS	3	PASS	PASS	29.1
B3 L01 BED (3Ba2)	0	PASS	5	PASS	PASS	28.6
B3 L01 BED (3Ba3)	0	PASS	2	PASS	PASS	28.7
B3 L01 BED (3Bd3)	0	PASS	3	PASS	PASS	28.7
B3 L01 BED (3Bd2)	0	PASS	7	PASS	PASS	28.9
B3 L01 BED (3Bd1)	0	PASS	5	PASS	PASS	28.6
B3 L01 BED (4Be2)	0	PASS	5	PASS	PASS	28.5
B3 L01 BED (2Be1)	0	PASS	3	PASS	PASS	28.4
B3 L01 BED (2Bd2)	0	PASS	4	PASS	PASS	28.4
B3 L01 BED (2Bd1)	0	PASS	2	PASS	PASS	28.3
B3 L01 BED (2Bc1)	0	PASS	3	PASS	PASS	28.2
B3 L01 BED (2Bc2)	0	PASS	2	PASS	PASS	28.3
B3 L00 BED (2Ba2)	0	PASS	2	PASS	PASS	28.8
B3 L00 BED (2Ba1)	0	PASS	2	PASS	PASS	28.8
B3 L00 BED (3Bc3)	0.2	PASS	4	PASS	PASS	29.4
B3 L00 BED (3Bc2)	0.2	PASS	10	PASS	PASS	29.4
B3 L00 BED (3Bb3)	0.1	PASS	6	PASS	PASS	29.4
B3 L00 BED (3Bc1)	0.1	PASS	6	PASS	PASS	29.4
B3 L00 BED (3Bb2)	0.1	PASS	8	PASS	PASS	29.4
B3 L00 BED (3Bb1)	0	PASS	3	PASS	PASS	29.1
B3 L00 BED (3Bd3)	0	PASS	3	PASS	PASS	28.9
B3 L00 BED (3Bd2)	0	PASS	9	PASS	PASS	29.1
B3 L00 BED (3Bd1)	0	PASS	5	PASS	PASS	28.9
B3 L00 BED (4Be2)	0	PASS	5	PASS	PASS	28.7
B3 L00 BED (2Be1)	0	PASS	3	PASS	PASS	28.6

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B3 L00 BED (2Bd2)	0	PASS	5	PASS	PASS	28.6
B3 L00 BED (2Bd1)	0	PASS	2	PASS	PASS	28.5
B3 L00 BED (2Bc1)	0	PASS	4	PASS	PASS	28.5
B3 L00 BED (2Bc2)	0	PASS	2	PASS	PASS	28.5
B3 L03 BED (2Ba2)	0	PASS	2	PASS	PASS	29
B3 L03 BED (2Ba1)	0	PASS	2	PASS	PASS	29
B3 L03 BED (3Ba1)	0	PASS	3	PASS	PASS	28
B3 L03 BED (3Bc3)	0.4	PASS	4	PASS	PASS	29.8
B3 L03 BED (3Bc2)	0.4	PASS	10	PASS	PASS	29.9
B3 L03 BED (3Bb3)	0.4	PASS	6	PASS	PASS	29.9
B3 L03 BED (3Bc1)	0.5	PASS	6	PASS	PASS	30
B3 L03 BED (3Bb2)	0.4	PASS	7	PASS	PASS	29.9
B3 L03 BED (3Bb1)	0.3	PASS	3	PASS	PASS	29.7
B3 L03 BED (3Ba2)	0.2	PASS	5	PASS	PASS	29.4
B3 L03 BED (3Ba3)	0.2	PASS	2	PASS	PASS	29.5
B3 L04 BED (2Ba2)	0	PASS	2	PASS	PASS	28.9
B3 L04 BED (2Ba1)	0	PASS	2	PASS	PASS	28.9
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.49TM59 overheating assessment results for all living/kitchen spaces within Block 3, assessed against DSY1 2050

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L02 KITCHEN (3Bd)*	1.5	PASS	28.3
B3 L02 KITCHEN (3Bc)*	2.2	PASS	28.8
B3 L02 KITCHEN (3Ba)*	1.3	PASS	28.1
B3 L02 KITCHEN (3Be)*	1.4	PASS	28.3
B3 L02 KITCHEN (3Bb)*	1.7	PASS	28.5
B3 L02 KITCHEN (4B)*	2.1	PASS	28.7
B3 L02 KITCHEN (2Bb)*	0.5	PASS	27.1
B3 L02 LIVING (4Ba)	0.6	PASS	29.6
B3 L02 LIVING/KITCHEN (2Ba)	0	PASS	28.6
B3 L01 KITCHEN (3Bc)*	1.9	PASS	28.6
B3 L01 KITCHEN (3Ba)*	1.1	PASS	28

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L01 KITCHEN (3Bb)*	1.4	PASS	28.3
B3 L01 KITCHEN (2Bb)*	0.5	PASS	26.9
B3 L01 LIVING/KITCHEN (2Ba)	0	PASS	28.5
B3 L01 KITCHEN (3Bd)*	1.8	PASS	28.7
B3 L01 KITCHEN (2Be)*	1.3	PASS	28.4
B3 L01 KITCHEN (2Bd)*	1.3	PASS	28.3
B3 L01 KITCHEN (2Bc)*	1.3	PASS	28.3
B3 L00 KITCHEN (3Bc)*	1.8	PASS	28.9
B3 L00 KITCHEN (3Bb)*	1.4	PASS	28.5
B3 L00 LIVING/KITCHEN (2Ba)	0	PASS	28.7
B3 L00 KITCHEN (3Bd)*	1.6	PASS	28.8
B3 L00 KITCHEN (2Be)*	1.2	PASS	28.6
B3 L00 KITCHEN (2Bd)*	1.3	PASS	28.6
B3 L00 KITCHEN (2Bc)*	1.3	PASS	28.6
B3 L03 KITCHEN (3Bc)*	2.8	PASS	29.3
B3 L03 KITCHEN (3Ba)*	1.4	PASS	28.3
B3 L03 KITCHEN (3Bb)*	2.2	PASS	28.9
B3 L03 LIVING/KITCHEN (2Ba)	0	PASS	28.6
B3 L04 LIVING/KITCHEN (2Ba)	0	PASS	28.6
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.50TM59 overheating assessment results for all circulation spaces within Block 3, assessed against DSY1 2050

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L02 CORRIDOR a	0.1	PASS	28.4
B3 L02 CORRIDOR b	0	PASS	27.9
B3 L01 CORRIDOR a	0	PASS	28.1
B3 L01 CORRIDOR b	0	PASS	27.9
B3 L00 CORRIDOR b	0.1	PASS	28.2
B3 L00 CORRIDOR a	0	PASS	28.1
B3 L03 CORRIDOR a	0.8	PASS	29.1
B3 L03 CORRIDOR b	0	PASS	27.9
B3 L04 CORRIDOR b	0	PASS	27.8

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L05 CORRIDOR b	0	PASS	27.8
B3 L02 CIRC 32	0	PASS	25.5
B3 L02 CIRC (3B) 23	0	PASS	26.8
B3 L02 CIRC (3B) 24	0	PASS	26.4
B3 L02 CIRC (3B) 25	0	PASS	26.4
B3 L02 CIRC (3B) 26	0	PASS	26.7
B3 L02 CIRC (3B) 27	0	PASS	26.4
B3 L02 CIRC (4B) 28	0	PASS	26.4
B3 L02 CIRC (4B) 29	0	PASS	27
B3 L02 STAIR 33	0	PASS	27.5
B3 L02 STAIR 34	0	PASS	26.2
B3 L01 CIRC 35	0	PASS	25.8
B3 L01 CIRC (3B) 30	0	PASS	26.6
B3 L01 CIRC (3B) 31	0	PASS	26.5
B3 L01 CIRC (3B) 32	0	PASS	26.2
B3 L01 STAIR 36	0	PASS	27.2
B3 L01 STAIR 37	0	PASS	26.3
B3 L01 CIRC (3B) 33	0	PASS	26.5
B3 L01 CIRC (2B) 34	0	PASS	26.4
B3 L01 CIRC (2B) 35	0	PASS	26.4
B3 L01 CIRC (2B) 36	0	PASS	26.3
B3 L00 CIRC (3B) 37	0	PASS	26.5
B3 L00 CIRC (3B) 38	0	PASS	26.4
B3 L00 STAIR 38	0	PASS	27
B3 L00 STAIR 39	0	PASS	26.5
B3 L00 CIRC (3B) 39	0	PASS	26.4
B3 L00 CIRC (2B) 40	0	PASS	26.4
B3 L00 CIRC (2B) 41	0	PASS	26.3
B3 L00 CIRC (2B) 42	0	PASS	26.3
B3 L00 CORRIDOR 40	0	PASS	26.7
B3 L00 CIRC 41	0	PASS	26.7

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B3 L03 CIRC 42	0	PASS	25.5
B3 L03 CIRC (3B) 43	0	PASS	27.1
B3 L03 CIRC (3B) 44	0	PASS	26.9
B3 L03 CIRC (3B) 45	0	PASS	26.7
B3 L03 STAIR 43	0	PASS	27.7
B3 L03 STAIR 44	0	PASS	26.2
B3 L04 STAIR 45	0	PASS	25.8
B3 L04 CIRC 46	0	PASS	25.3
B3 L05 STAIR 47	0	PASS	25.9
B3 L05 CIRC 48	0	PASS	25.3

D.4.4 Block 4

Table D.51TM59 overheating assessment results for all bedroom and studio spaces within Block 4, assessed against DSY1 2050

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B4 L04 STUDIO r	0.2	PASS	3	PASS	PASS	29.4
B4 L04 STUDIO e	0.2	PASS	10	PASS	PASS	29.8
B4 L04 STUDIO k	0.3	PASS	4	PASS	PASS	29.6
B4 L04 STUDIO b	0.2	PASS	3	PASS	PASS	29.3
B4 L04 STUDIO f	0.2	PASS	8	PASS	PASS	29.7
B4 L04 STUDIO a	0.2	PASS	3	PASS	PASS	29.3
B4 L04 STUDIO g	0.2	PASS	8	PASS	PASS	29.4
B4 L04 STUDIO j	0.3	PASS	4	PASS	PASS	29.6
B4 L04 STUDIO i	0.3	PASS	4	PASS	PASS	29.6
B4 L04 STUDIO h	0.3	PASS	8	PASS	PASS	29.8
B4 L04 STUDIO d	0	PASS	3	PASS	PASS	28.7
B4 L04 STUDIO c	0.2	PASS	3	PASS	PASS	29.3
B4 L04 STUDIO	0.1	PASS	4	PASS	PASS	29.3
B4 L05 STUDIO r	0.2	PASS	4	PASS	PASS	29.3
B4 L05 STUDIO e	0.2	PASS	11	PASS	PASS	29.6
B4 L05 STUDIO k	0.3	PASS	4	PASS	PASS	29.6

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L05 STUDIO b	0.1	PASS	4	PASS	PASS	29.3
B4 L05 STUDIO f	0.2	PASS	8	PASS	PASS	29.5
B4 L05 STUDIO a	0.1	PASS	3	PASS	PASS	29.3
B4 L05 STUDIO g	0.1	PASS	9	PASS	PASS	29.3
B4 L05 STUDIO j	0.3	PASS	4	PASS	PASS	29.6
B4 L05 STUDIO i	0.3	PASS	4	PASS	PASS	29.6
B4 L05 STUDIO h	0.2	PASS	8	PASS	PASS	29.7
B4 L05 STUDIO d	0	PASS	3	PASS	PASS	28.6
B4 L05 STUDIO c	0.1	PASS	4	PASS	PASS	29.3
B4 L05 STUDIO	0.1	PASS	4	PASS	PASS	29.3
B4 L05 STUDIO q	0.1	PASS	4	PASS	PASS	29.3
B4 L02 BED (2Bc1)	0	PASS	5	PASS	PASS	28.7
B4 L02 BED (2Bc2)	0	PASS	5	PASS	PASS	28.5
B4 L02 BED (2Bb2)	0	PASS	2	PASS	PASS	29
B4 L02 BED (2Bb1)	0	PASS	2	PASS	PASS	29.1
B4 L01 STUDIO r	0.2	PASS	4	PASS	PASS	29.6
B4 L01 STUDIO q	0.2	PASS	4	PASS	PASS	29.6
B4 L01 STUDIO e	0.5	PASS	12	PASS	PASS	30.2
B4 L01 STUDIO p	0.2	PASS	4	PASS	PASS	29.7
B4 L01 STUDIO k	0.5	PASS	4	PASS	PASS	30
B4 L01 STUDIO b	0.3	PASS	4	PASS	PASS	29.7
B4 L01 STUDIO f	0.5	PASS	10	PASS	PASS	30.1
B4 L01 STUDIO a	0.3	PASS	4	PASS	PASS	29.8
B4 L01 STUDIO g	0.3	PASS	11	PASS	PASS	29.9
B4 L01 STUDIO j	0.5	PASS	4	PASS	PASS	30
B4 L01 STUDIO i	0.5	PASS	5	PASS	PASS	30
B4 L01 STUDIO h	0.6	PASS	9	PASS	PASS	30.2
B4 L01 STUDIO d	0.1	PASS	4	PASS	PASS	29.1
B4 L01 STUDIO n	0.2	PASS	4	PASS	PASS	29.6
B4 L01 STUDIO m	0.4	PASS	5	PASS	PASS	30.1
B4 L01 STUDIO o	0.3	PASS	4	PASS	PASS	29.7

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L01 STUDIO c	0.3	PASS	4	PASS	PASS	29.7
B4 L01	0.3	PASS	4	PASS	PASS	29.8
B4 L06 BED (2Bb1)	0	PASS	5	PASS	PASS	29
B4 L06 STUDIO a	0.2	PASS	4	PASS	PASS	29.3
B4 L06 STUDIO r	0.2	PASS	3	PASS	PASS	29.4
B4 L00 STUDIO c	0.2	PASS	4	PASS	PASS	29.7
B4 L00 STUDIO b	0.3	PASS	4	PASS	PASS	29.7
B4 L00 STUDIO a	0.3	PASS	4	PASS	PASS	29.7
B4 L03 STUDIO a	0.2	PASS	3	PASS	PASS	29.4
B4 L03 STUDIO b	0.2	PASS	3	PASS	PASS	29.3
B4 L03 STUDIO c	0.2	PASS	3	PASS	PASS	29.3
B4 L03 STUDIO j	0.3	PASS	4	PASS	PASS	29.6
B4 L03 STUDIO	0.1	PASS	4	PASS	PASS	29.3
B4 L03 STUDIO n	0.1	PASS	3	PASS	PASS	29.2
B4 L03 BED (3Bc1)	0	PASS	9	PASS	PASS	28.9
B4 L03 STUDIO o	0.1	PASS	3	PASS	PASS	29.3
B4 L03 BED (3Ba2)	0.8	PASS	6	PASS	PASS	30.6
B4 L03 BED (3Ba3)	0.7	PASS	7	PASS	PASS	30.5
B4 L03 BED (2Ba2)	0	PASS	2	PASS	PASS	29.1
B4 L03 STUDIO e	0.3	PASS	10	PASS	PASS	29.8
B4 L03 STUDIO g	0.2	PASS	8	PASS	PASS	29.4
B4 L03 STUDIO h	0.3	PASS	8	PASS	PASS	29.8
B4 L03 STUDIO d	0	PASS	3	PASS	PASS	28.7
B4 L05 BED (2Ba1)	0	PASS	2	PASS	PASS	28.9
B4 L04 STUDIO q	0.2	PASS	4	PASS	PASS	29.4
B4 L04 BED (2Bb2)	0	PASS	2	PASS	PASS	29.1
B4 L04 BED (2Bb1)	0.1	PASS	2	PASS	PASS	29.2
B4 L04 BED (2Ba2)	0	PASS	2	PASS	PASS	29.1
B4 L04 BED (2Ba1)	0	PASS	2	PASS	PASS	29
B4 L02 BED (3Bc1)	0	PASS	9	PASS	PASS	29
B4 L02 STUDIO i	0.3	PASS	4	PASS	PASS	29.6

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L02 STUDIO h	0.3	PASS	8	PASS	PASS	29.8
B4 L02 STUDIO d	0	PASS	3	PASS	PASS	28.7
B4 L02 STUDIO n	0.1	PASS	4	PASS	PASS	29.3
B4 L02 STUDIO m	0.3	PASS	4	PASS	PASS	29.7
B4 L02 STUDIO o	0.2	PASS	4	PASS	PASS	29.4
B4 L01 BED (2Bb2)	0	PASS	2	PASS	PASS	29
B4 L01 BED (2Bb1)	0	PASS	2	PASS	PASS	29.1
B4 L01 BED (2Ba2)	0.2	PASS	3	PASS	PASS	29.4
B4 L01 BED (2Ba1)	0.2	PASS	3	PASS	PASS	29.3
B4 L01 BED (3Ba1)	0.6	PASS	10	PASS	PASS	30.3
B4 L01 BED (3Ba2)	1	PASS	9	PASS	PASS	31
B4 L06 STUDIO c	0.2	PASS	3	PASS	PASS	29.3
B4 L06 STUDIO	0.2	PASS	8	PASS	PASS	29.5
B4 L07 STUDIO j	0.3	PASS	8	PASS	PASS	29.8
B4 L07 STUDIO i	0.3	PASS	8	PASS	PASS	29.8
B4 L07 STUDIO h	0.3	PASS	8	PASS	PASS	29.8
B4 L07 STUDIO d	0	PASS	3	PASS	PASS	28.7
B4 L07 STUDIO c	0.2	PASS	3	PASS	PASS	29.3
B4 L07 STUDIO	0.2	PASS	8	PASS	PASS	29.5
B4 L08 STUDIO r	0.1	PASS	3	PASS	PASS	29.3
B4 L08 STUDIO k	0.2	PASS	8	PASS	PASS	29.7
B4 L08 STUDIO b	0.1	PASS	3	PASS	PASS	29.2
B4 L08 STUDIO g	0.1	PASS	8	PASS	PASS	29.3
B4 L08 STUDIO j	0.2	PASS	8	PASS	PASS	29.7
B4 L08 STUDIO a	0.1	PASS	3	PASS	PASS	29.2
B4 L00 BED (2Ba1)	0.2	PASS	3	PASS	PASS	29.3
B4 L00 BED (2Ba2)	0.2	PASS	3	PASS	PASS	29.4
B4 L00 STUDIO f	0.4	PASS	8	PASS	PASS	30.1
B4 L00 STUDIO g	0.3	PASS	8	PASS	PASS	29.8
B4 L00 STUDIO h	0.5	PASS	8	PASS	PASS	30.2
B4 L00 STUDIO i	0.4	PASS	4	PASS	PASS	29.9

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L00 STUDIO j	0.2	PASS	5	PASS	PASS	29.6
B4 L05 BED (2Bb2)	0	PASS	2	PASS	PASS	29.1
B4 L07 BED (2Bb2)	0	PASS	5	PASS	PASS	29
B4 L06 BED (2Bb2)	0	PASS	5	PASS	PASS	29
B4 L07 BED (2Bb1)	0	PASS	5	PASS	PASS	29.1
B4 L03 STUDIO f	0.2	PASS	8	PASS	PASS	29.7
B4 L03 BED (2Bb1)	0	PASS	2	PASS	PASS	29.1
B4 L03 BED (2Bb2)	0	PASS	2	PASS	PASS	29.1
B4 L03 STUDIO p	0.1	PASS	3	PASS	PASS	29.3
B4 L05 BED (2Bb1)	0.1	PASS	2	PASS	PASS	29.2
B4 L03 BED (3Bc3)	0	PASS	5	PASS	PASS	28.7
B4 L03 BED (3Bc2)	0	PASS	5	PASS	PASS	29.1
B4 L03 BED (2Bc1)	0	PASS	5	PASS	PASS	28.6
B4 L03 BED (2Bc2)	0	PASS	5	PASS	PASS	28.4
B4 L03 STUDIO q	0.1	PASS	4	PASS	PASS	29.3
B4 L03 STUDIO r	0.2	PASS	3	PASS	PASS	29.3
B4 L03 BED (3Ba1)	0.4	PASS	6	PASS	PASS	29.7
B4 L03 STUDIO m	0.2	PASS	3	PASS	PASS	29.5
B4 L05 BED (2Ba2)	0	PASS	2	PASS	PASS	29
B4 L03 BED (3Bb1)	0.7	PASS	7	PASS	PASS	30.4
B4 L03 BED (3Bb2)	0.8	PASS	6	PASS	PASS	30.6
B4 L03 BED (3Bb3)	0.3	PASS	7	PASS	PASS	29.6
B4 L03 BED (2Ba1)	0	PASS	2	PASS	PASS	29
B4 L03 STUDIO i	0.3	PASS	4	PASS	PASS	29.6
B4 L03 STUDIO k	0.3	PASS	4	PASS	PASS	29.6
B4 L02 BED (2Ba2)	0	PASS	2	PASS	PASS	29.1
B4 L02 BED (2Ba1)	0	PASS	2	PASS	PASS	29
B4 L02 BED (3Ba1)	0.4	PASS	7	PASS	PASS	29.9
B4 L02 BED (3Ba2)	0.9	PASS	8	PASS	PASS	30.6
B4 L02 BED (3Bb2)	0.9	PASS	8	PASS	PASS	30.7
B4 L02 BED (3Bb3)	0.4	PASS	7	PASS	PASS	29.7

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L02 BED (3Ba3)	0.8	PASS	8	PASS	PASS	30.6
B4 L02 BED (3Bb1)	0.8	PASS	8	PASS	PASS	30.5
B4 L02 BED (3Bc3)	0	PASS	5	PASS	PASS	28.8
B4 L02 BED (3Bc2)	0.1	PASS	6	PASS	PASS	29.1
B4 L02 STUDIO r	0.1	PASS	3	PASS	PASS	29.3
B4 L02 STUDIO q	0.1	PASS	3	PASS	PASS	29.3
B4 L02 STUDIO e	0.3	PASS	11	PASS	PASS	29.8
B4 L02 STUDIO p	0.2	PASS	4	PASS	PASS	29.3
B4 L02 STUDIO k	0.3	PASS	4	PASS	PASS	29.6
B4 L02 STUDIO b	0.2	PASS	4	PASS	PASS	29.4
B4 L02 STUDIO f	0.2	PASS	8	PASS	PASS	29.7
B4 L02 STUDIO a	0.2	PASS	3	PASS	PASS	29.4
B4 L02 STUDIO g	0.2	PASS	8	PASS	PASS	29.4
B4 L02 STUDIO j	0.3	PASS	4	PASS	PASS	29.6
B4 L02 STUDIO c	0.2	PASS	4	PASS	PASS	29.3
B4 L02 Studio	0.1	PASS	4	PASS	PASS	29.3
B4 L01 BED (2Bc1)	0	PASS	5	PASS	PASS	29
B4 L01 BED (2Bc2)	0	PASS	5	PASS	PASS	28.9
B4 L01 BED (3Bb2)	1.1	PASS	9	PASS	PASS	31
B4 L01 BED (3Bb3)	0.5	PASS	10	PASS	PASS	30.1
B4 L01 BED (3Ba3)	1.1	PASS	9	PASS	PASS	31
B4 L01 BED (3Bb1)	1.1	PASS	10	PASS	PASS	30.9
B4 L01 BED (3Bc3)	0	PASS	5	PASS	PASS	29.1
B4 L01 BED (3Bc2)	0.2	PASS	6	PASS	PASS	29.4
B4 L01 BED (3Bc1)	0.2	PASS	11	PASS	PASS	29.3
B4 L06 STUDIO k	0.3	PASS	9	PASS	PASS	29.8
B4 L06 STUDIO b	0.2	PASS	3	PASS	PASS	29.3
B4 L06 STUDIO g	0.2	PASS	9	PASS	PASS	29.4
B4 L06 STUDIO j	0.3	PASS	8	PASS	PASS	29.8
B4 L06 STUDIO i	0.3	PASS	8	PASS	PASS	29.8
B4 L06 STUDIO h	0.3	PASS	8	PASS	PASS	29.8

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (°C)
B4 L06 STUDIO d	0	PASS	3	PASS	PASS	28.7
B4 L06 STUDIO q	0.1	PASS	4	PASS	PASS	29.4
B4 L07 STUDIO r	0.2	PASS	3	PASS	PASS	29.4
B4 L07 STUDIO k	0.3	PASS	8	PASS	PASS	29.8
B4 L07 STUDIO b	0.2	PASS	3	PASS	PASS	29.3
B4 L07 STUDIO g	0.2	PASS	9	PASS	PASS	29.4
B4 L07 STUDIO q	0.1	PASS	4	PASS	PASS	29.4
B4 L07 STUDIO a	0.2	PASS	4	PASS	PASS	29.3
B4 L08 BED (2Bb2)	0	PASS	5	PASS	PASS	28.9
B4 L08 BED (2Bb1)	0	PASS	5	PASS	PASS	29
B4 L08 STUDIO i	0.2	PASS	8	PASS	PASS	29.7
B4 L08 STUDIO h	0.2	PASS	8	PASS	PASS	29.7
B4 L08 STUDIO d	0	PASS	3	PASS	PASS	28.7
B4 L08 STUDIO c	0.1	PASS	3	PASS	PASS	29.2
B4 L08 STUDIO	0.1	PASS	8	PASS	PASS	29.4
B4 L08 STUDIO q	0.1	PASS	3	PASS	PASS	29.3
B4 L00 STUDIO d	0.2	PASS	4	PASS	PASS	29.5
B4 L00 STUDIO e	0.4	PASS	9	PASS	PASS	30.2
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.52TM59 overheating assessment results for all living/kitchen spaces within Block 4, assessed against DSY1 2050

Room Name	Criterion A	PASS/FAIL	Peak temperature (°C)
B4 L00 LIVING/KITCHEN (2Ba)	1.5	PASS	30.8
B4 L01 KITCHEN (3Ba)	0.8	PASS	30.3
B4 L01 KITCHEN (3Bb)	0.8	PASS	30.3
B4 L01 KITCHEN (2Bc)	0.6	PASS	29.9
B4 L01 LIVING/KITCHEN (2Ba)	1.5	PASS	30.8
B4 L01 LIVING/KITCHEN (2Bb)	0.3	PASS	29.3
B4 L01 LIVING/KITCHEN (3Bc)	1.6	PASS	30.6
B4 L02 KITCHEN (3Ba)	0.5	PASS	29.7
B4 L02 KITCHEN (3Bb)	0.4	PASS	29.8
B4 L02 KITCHEN (2Bc)	0.2	PASS	29.4

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B4 L02 LIVING/KITCHEN (2Ba)	1.3	PASS	30.3
B4 L02 LIVING/KITCHEN (2Bb)	0.2	PASS	29.1
B4 L02 LIVING/KITCHEN (3Bc)	1.3	PASS	30.3
B4 L03 KITCHEN (3Ba)	0.3	PASS	29.6
B4 L03 KITCHEN (3Bb)	0.3	PASS	29.7
B4 L03 KITCHEN (2Bc)	0.2	PASS	29.3
B4 L03 LIVING/KITCHEN (2Ba)	1.3	PASS	30.3
B4 L03 LIVING/KITCHEN (2Bb)	0.3	PASS	29.2
B4 L03 LIVING/KITCHEN (3Bc)	1.2	PASS	30.2
B4 L04 LIVING/KITCHEN (2Ba)	1.2	PASS	30.3
B4 L04 LIVING/KITCHEN (2Bb)	0.3	PASS	29.2
B4 L05 LIVING/KITCHEN (2Ba)	0.9	PASS	30.1
B4 L05 LIVING/KITCHEN (2Bb)	0.3	PASS	29.2
B4 L06 LIVING/KITCHEN (2Bb)	0.3	PASS	29.3
B4 L07 LIVING/KITCHEN (2Bb)	0.3	PASS	29.3
B4 L08 LIVING/KITCHEN (2Bb)	0.2	PASS	29.2
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.53TM59 overheating assessment results for all circulation spaces within Block 4, assessed against DSY1 2050

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B4 L00 CIRC	0.3	PASS	28.8
B4 L00 CORRIDOR a	0.3	PASS	29.2
B4 L00 RECEPTION	0	PASS	27
B4 L01 CORRIDOR a	0.7	PASS	29.4
B4 L02 CORRIDOR a	0.5	PASS	29
B4 L02 CORRIDOR b	0.7	PASS	29
B4 L03 CORRIDOR a	0.5	PASS	29
B4 L03 CORRIDOR b	0.6	PASS	29
B4 L04 CORRIDOR a	0.4	PASS	28.9
B4 L04 CORRIDOR b	0.4	PASS	28.8
B4 L05 CORRIDOR a	0.3	PASS	28.7
B4 L05 CORRIDOR b	0.2	PASS	28.6

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B4 L06 CORRIDOR a	0.4	PASS	28.8
B4 L06 CORRIDOR b	0.4	PASS	28.7
B4 L07 CORRIDOR a	0.4	PASS	28.8
B4 L07 CORRIDOR b	0.4	PASS	28.8
B4 L08 CORRIDOR a	0.3	PASS	28.8
B4 L08 CORRIDOR b	0.4	PASS	28.7
B4 L01 CORRIDOR b	0.9	PASS	29.4

D.4.5 Block 5+

Table D.54TM59 overheating assessment results for all bedroom and studio spaces within Block 5+, assessed against DSY1 2050

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L03 STUDIO ap	0.4	PASS	14	PASS	PASS	30
B5 L03 STUDIO ao	0.5	PASS	14	PASS	PASS	30.1
B5 L03 STUDIO an	0.4	PASS	14	PASS	PASS	30
B5 L03 BED (2Bc1)	0.4	PASS	9	PASS	PASS	29.6
B5 L02 BED (2Bc2)	0	PASS	16	PASS	PASS	29
B5 L02 BED (2Bc1)	0.4	PASS	9	PASS	PASS	29.6
B5 L02 BED (2Bb1)	0	PASS	5	PASS	PASS	28.8
B5 L02 BED (3Ba3)	0.2	PASS	5	PASS	PASS	29.3
B5 L02 BED (3Ba1)	0.3	PASS	6	PASS	PASS	29.5
B5 L02 BED (3Ba2)	0.2	PASS	5	PASS	PASS	29.4
B5 L02 BED (4Ba1)	0.3	PASS	6	PASS	PASS	29.8
B5 L02 BED (2Ba1)	0	PASS	5	PASS	PASS	29.1
B5 L02 BED (4Ba3)	0.2	PASS	6	PASS	PASS	29.6
B5 L02 BED (4Ba4)	0.1	PASS	6	PASS	PASS	29.5
B5 L02 BED (2Ba2)	0.2	PASS	4	PASS	PASS	29.5
B5 L02 BED (4Ba2)	0.3	PASS	6	PASS	PASS	29.8
B5 L01 STUDIO ad	1.8	PASS	18	PASS	PASS	31.8
B5 L01 STUDIO l	0.4	PASS	9	PASS	PASS	30.1
B5 L01 STUDIO o	0.5	PASS	8	PASS	PASS	30.2
B5 L01 STUDIO ag	1.5	PASS	15	PASS	PASS	31.8
B5 L01 STUDIO ac	1.8	PASS	18	PASS	PASS	31.6

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L01 STUDIO ah	1.7	PASS	15	PASS	PASS	32
B5 L01 STUDIO j	0.4	PASS	9	PASS	PASS	30.1
B5 L01 STUDIO ae	1.8	PASS	19	PASS	PASS	31.9
B5 L01 STUDIO i	0.4	PASS	9	PASS	PASS	30.1
B5 L01 STUDIO aj	1.7	PASS	14	PASS	PASS	32
B5 L01 STUDIO n	0.2	PASS	7	PASS	PASS	29.4
B5 L01 STUDIO ak	1.6	PASS	14	PASS	PASS	32
B5 L01 STUDIO g	0.5	PASS	11	PASS	PASS	30.2
B5 L01 STUDIO m	0.3	PASS	9	PASS	PASS	29.9
B5 L01 STUDIO d	0.4	PASS	12	PASS	PASS	30
B5 L01 STUDIO am	0.8	PASS	9	PASS	PASS	30.8
B5 L01 STUDIO b	0.3	PASS	9	PASS	PASS	30
B5 L01 STUDIO c	0.3	PASS	9	PASS	PASS	29.9
B5 L01 STUDIO ai	1.6	PASS	15	PASS	PASS	31.9
B5 L01 STUDIO a	0.3	PASS	9	PASS	PASS	29.9
B5 L01 STUDIO f	0.3	PASS	18	PASS	PASS	29.9
B5 L01 STUDIO aw	0.4	PASS	13	PASS	PASS	30
B5 L01 STUDIO ax	0.2	PASS	8	PASS	PASS	29.5
B5 L01 STUDIO e	0.2	PASS	2	PASS	PASS	29.6
B5 L01 STUDIO au	0.4	PASS	9	PASS	PASS	30.2
B5 L01 STUDIO aa	0.5	PASS	17	PASS	PASS	30.2
B5 L01 STUDIO at	0.4	PASS	9	PASS	PASS	30.1
B5 L01 STUDIO p	0.3	PASS	9	PASS	PASS	29.8
B5 L01 STUDIO af	1.6	PASS	19	PASS	PASS	31.6
B5 L01 STUDIO k	0.4	PASS	9	PASS	PASS	30
B5 L01 STUDIO ar	0.6	PASS	9	PASS	PASS	30.4
B5 L01 STUDIO ab	1.3	PASS	18	PASS	PASS	31.2
B5 L01 STUDIO aq	0.6	PASS	9	PASS	PASS	30.4
B5 L01 STUDIO ao	0.8	PASS	16	PASS	PASS	30.6
B5 L01 STUDIO ap	0.7	PASS	16	PASS	PASS	30.5
B5 L01 STUDIO h	0.4	PASS	9	PASS	PASS	30.1

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L01 STUDIO an	0.7	PASS	16	PASS	PASS	30.4
B5 L01 STUDIO al	1.5	PASS	12	PASS	PASS	31.9
B5 L01 STUDIO	0.6	PASS	9	PASS	PASS	30.4
B5 L01 STUDIO av	0.4	PASS	5	PASS	PASS	30
B5 L04 BED (2Bb2)	0	PASS	5	PASS	PASS	28.9
B5 L04 BED (2Bc2)	0	PASS	16	PASS	PASS	29
B5 L04 BED (2Bc1)	0.4	PASS	9	PASS	PASS	29.6
B5 L04 BED (2Bb1)	0	PASS	5	PASS	PASS	29
B5 L04 BED (3Ba3)	0.2	PASS	6	PASS	PASS	29.4
B5 L04 BED (3Ba1)	0.4	PASS	6	PASS	PASS	29.6
B5 L04 BED (3Ba2)	0.3	PASS	5	PASS	PASS	29.6
B5 L04 BED (4Ba1)	0.5	PASS	6	PASS	PASS	30.3
B5 L05 BED (2Bc2)	0	PASS	15	PASS	PASS	29
B5 L04 BED (4Ba3)	0.5	PASS	6	PASS	PASS	30.2
B5 L04 BED (4Ba4)	0.5	PASS	9	PASS	PASS	30
B5 L05 BED (2Bc1)	0.4	PASS	8	PASS	PASS	29.6
B5 L05 BED (2Bb1)	0	PASS	5	PASS	PASS	29
B5 L04 BED (4Ba2)	0.5	PASS	6	PASS	PASS	30.4
B5 L05 BED (3Ba3)	0.2	PASS	6	PASS	PASS	29.4
B5 L05 BED (3Ba1)	0.4	PASS	6	PASS	PASS	29.7
B5 L05 BED (3Ba2)	0.3	PASS	5	PASS	PASS	29.6
B5 L05 BED (4Ba1)	0.6	PASS	6	PASS	PASS	30.3
B5 L05 BED (4Ba3)	0.6	PASS	6	PASS	PASS	30.2
B5 L05 BED (4Ba4)	0.6	PASS	10	PASS	PASS	30.1
B5 L05 BED (4Ba2)	0.7	PASS	6	PASS	PASS	30.4
B5 L05 STUDIO ak	1.1	PASS	10	PASS	PASS	31.4
B5 L05 STUDIO m	0.2	PASS	10	PASS	PASS	29.7
B5 L05 STUDIO am	0.9	PASS	13	PASS	PASS	30.9
B5 L05 STUDIO ai	1.1	PASS	12	PASS	PASS	31.4
B5 L05 STUDIO aw	0.2	PASS	12	PASS	PASS	29.7
B5 L05 STUDIO ax	0.1	PASS	7	PASS	PASS	29.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L05 STUDIO au	0.3	PASS	8	PASS	PASS	29.8
B5 L05 STUDIO aa	0.6	PASS	16	PASS	PASS	30.3
B5 L05 STUDIO at	0.2	PASS	8	PASS	PASS	29.7
B5 L05 STUDIO p	0.1	PASS	8	PASS	PASS	29.5
B5 L05 STUDIO af	1.1	PASS	17	PASS	PASS	31.1
B5 L05 STUDIO ar	0.3	PASS	9	PASS	PASS	29.9
B5 L05 STUDIO ab	1.4	PASS	17	PASS	PASS	31.4
B5 L05 STUDIO aq	0.3	PASS	9	PASS	PASS	30
B5 L05 STUDIO ao	0.5	PASS	13	PASS	PASS	30.1
B5 L05 STUDIO ap	0.4	PASS	13	PASS	PASS	30
B5 L05 STUDIO an	0.4	PASS	13	PASS	PASS	29.9
B5 L05 STUDIO al	1.1	PASS	10	PASS	PASS	31.4
B5 L05 STUDIO	0.3	PASS	9	PASS	PASS	29.9
B5 L05 STUDIO av	0.2	PASS	5	PASS	PASS	29.6
B5 L06 BED (2Bb2)	0	PASS	5	PASS	PASS	29
B5 L06 BED (2Bc2)	0	PASS	15	PASS	PASS	29
B5 L06 BED (2Bc1)	0.3	PASS	7	PASS	PASS	29.5
B5 L06 BED (2Bb1)	0	PASS	5	PASS	PASS	29
B5 L06 BED (3Ba3)	0.2	PASS	6	PASS	PASS	29.5
B5 L06 BED (3Ba1)	0.4	PASS	6	PASS	PASS	29.7
B5 L06 BED (3Ba2)	0.3	PASS	5	PASS	PASS	29.6
B5 L06 BED (4Ba1)	0.9	PASS	6	PASS	PASS	30.8
B5 L06 BED (4Ba3)	0.9	PASS	9	PASS	PASS	30.7
B5 L06 BED (4Ba4)	0.8	PASS	11	PASS	PASS	30.6
B5 L06 BED (4Ba2)	1	PASS	8	PASS	PASS	30.9
B5 L07 STUDIO o	0.3	PASS	7	PASS	PASS	29.8
B5 L07 STUDIO n	0.1	PASS	8	PASS	PASS	29.2
B5 L07 STUDIO m	0.2	PASS	11	PASS	PASS	29.7
B5 L07 STUDIO p	0.2	PASS	8	PASS	PASS	29.5
B5 L08 BED (2Bb2)	0	PASS	5	PASS	PASS	29
B5 L08 BED (2Bb1)	0	PASS	5	PASS	PASS	29

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L08 BED (3Ba3)	0.2	PASS	6	PASS	PASS	29.5
B5 L08 BED (3Ba1)	0.4	PASS	6	PASS	PASS	29.7
B5 L08 BED (3Ba2)	0.3	PASS	5	PASS	PASS	29.6
B5 L08 BED (4Ba1)	1.1	PASS	8	PASS	PASS	31
B5 L08 BED (4Ba3)	1.1	PASS	11	PASS	PASS	30.9
B5 L08 BED (4Ba4)	1	PASS	11	PASS	PASS	30.8
B5 L08 BED (4Ba2)	1.2	PASS	10	PASS	PASS	31.1
B5 L08 STUDIO o	0.3	PASS	8	PASS	PASS	29.8
B5 L08 STUDIO n	0.1	PASS	8	PASS	PASS	29.3
B5 L08 STUDIO m	0.2	PASS	11	PASS	PASS	29.7
B5 L08 STUDIO p	0.2	PASS	8	PASS	PASS	29.6
B5 L09 BED (2Bb2)	0	PASS	5	PASS	PASS	29
B5 L09 BED (2Bb1)	0	PASS	5	PASS	PASS	29
B5 L09 BED (3Ba3)	0.2	PASS	6	PASS	PASS	29.5
B5 L09 BED (3Ba1)	0.4	PASS	6	PASS	PASS	29.7
B5 L09 BED (3Ba2)	0.3	PASS	5	PASS	PASS	29.6
B5 L09 BED (4Ba1)	1.1	PASS	9	PASS	PASS	31
B5 L09 BED (4Ba3)	1.1	PASS	10	PASS	PASS	30.9
B5 L09 BED (4Ba4)	1	PASS	11	PASS	PASS	30.8
B5 L09 BED (4Ba2)	1.3	PASS	9	PASS	PASS	31.1
B5 L09 STUDIO o	0.3	PASS	8	PASS	PASS	29.8
B5 L09 STUDIO n	0.1	PASS	8	PASS	PASS	29.3
B5 L09 STUDIO m	0.2	PASS	11	PASS	PASS	29.7
B5 L09 STUDIO p	0.2	PASS	8	PASS	PASS	29.6
B5 L05 BED (2Bb2)	0	PASS	5	PASS	PASS	29
B5 L11 BED (2Bb2)	0	PASS	5	PASS	PASS	28.9
B5 L11 BED (2Bb1)	0	PASS	5	PASS	PASS	28.9
B5 L03 STUDIO l	0.2	PASS	8	PASS	PASS	29.7
B5 L03 STUDIO n	0.1	PASS	8	PASS	PASS	29.1
B5 L03 STUDIO ab	1.1	PASS	17	PASS	PASS	30.9
B5 L03 STUDIO ac	1.4	PASS	18	PASS	PASS	31.4

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L03 STUDIO al	1.1	PASS	10	PASS	PASS	31.4
B5 L03 STUDIO am	0.8	PASS	13	PASS	PASS	30.9
B5 L03 BED (2Ba1)	0	PASS	4	PASS	PASS	29
B5 L03 STUDIO g	0.2	PASS	9	PASS	PASS	29.7
B5 L03 STUDIO i	0.2	PASS	8	PASS	PASS	29.7
B5 L03 BED (3Ba1)	0.4	PASS	6	PASS	PASS	29.6
B5 L03 BED (3Ba2)	0.3	PASS	5	PASS	PASS	29.5
B5 L03 BED (3Ba3)	0.2	PASS	6	PASS	PASS	29.4
B5 L03 BED (2Bb1)	0	PASS	5	PASS	PASS	28.9
B5 L03 STUDIO av	0.2	PASS	5	PASS	PASS	29.6
B5 L03 STUDIO at	0.2	PASS	8	PASS	PASS	29.7
B5 L03 STUDIO	0.3	PASS	9	PASS	PASS	29.9
B5 L03 STUDIO aw	0.2	PASS	12	PASS	PASS	29.6
B5 L03 STUDIO ar	0.3	PASS	9	PASS	PASS	29.9
B5 L03 STUDIO aq	0.3	PASS	9	PASS	PASS	30
B5 L02 STUDIO o	0.3	PASS	7	PASS	PASS	29.8
B5 L02 STUDIO ag	1	PASS	13	PASS	PASS	31.3
B5 L02 STUDIO ac	1.3	PASS	18	PASS	PASS	31.2
B5 L02 STUDIO ah	1.1	PASS	12	PASS	PASS	31.4
B5 L02 STUDIO j	0.2	PASS	8	PASS	PASS	29.7
B5 L02 STUDIO ae	1.5	PASS	17	PASS	PASS	31.5
B5 L02 STUDIO ai	1.1	PASS	12	PASS	PASS	31.4
B5 L02 STUDIO a	0.1	PASS	8	PASS	PASS	29.4
B5 L02 STUDIO f	0.1	PASS	18	PASS	PASS	29.5
B5 L02 STUDIO aw	0.2	PASS	12	PASS	PASS	29.6
B5 L02 STUDIO ax	0.1	PASS	7	PASS	PASS	29.1
B5 L02 STUDIO e	0.1	PASS	2	PASS	PASS	29.3
B5 L02 STUDIO ap	0.4	PASS	14	PASS	PASS	30
B5 L02 STUDIO h	0.2	PASS	8	PASS	PASS	29.7
B5 L02 STUDIO an	0.4	PASS	14	PASS	PASS	30
B5 L02 STUDIO al	1.1	PASS	10	PASS	PASS	31.4

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L02 STUDIO	0.3	PASS	9	PASS	PASS	29.9
B5 L02 STUDIO av	0.2	PASS	5	PASS	PASS	29.6
B5 L01 BED (3Ba3)	0.4	PASS	6	PASS	PASS	29.7
B5 L01 BED (3Ba1)	0.5	PASS	6	PASS	PASS	29.8
B5 L01 BED (3Ba2)	0.4	PASS	6	PASS	PASS	29.7
B5 L01 BED (4Ba1)	0.5	PASS	7	PASS	PASS	30.1
B5 L01 BED (2Ba1)	0.2	PASS	6	PASS	PASS	29.5
B5 L01 BED (4Ba3)	0.4	PASS	7	PASS	PASS	29.9
B5 L04 STUDIO ad	1.6	PASS	18	PASS	PASS	31.7
B5 L04 STUDIO ak	1.1	PASS	10	PASS	PASS	31.4
B5 L04 STUDIO m	0.2	PASS	9	PASS	PASS	29.7
B5 L04 STUDIO am	0.9	PASS	13	PASS	PASS	30.9
B5 L04 STUDIO p	0.1	PASS	8	PASS	PASS	29.4
B5 L04 STUDIO af	1.1	PASS	18	PASS	PASS	31.1
B5 L04 STUDIO ar	0.3	PASS	9	PASS	PASS	29.9
B5 L04 STUDIO ab	1.4	PASS	17	PASS	PASS	31.4
B5 L04 STUDIO aq	0.3	PASS	9	PASS	PASS	30
B5 L05 STUDIO ag	1.1	PASS	13	PASS	PASS	31.2
B5 L05 STUDIO ac	1.6	PASS	18	PASS	PASS	31.7
B5 L05 STUDIO ah	1.1	PASS	12	PASS	PASS	31.4
B5 L05 STUDIO ae	1.6	PASS	17	PASS	PASS	31.5
B5 L05 STUDIO aj	1.1	PASS	10	PASS	PASS	31.5
B5 L05 STUDIO n	0.1	PASS	8	PASS	PASS	29.2
B5 L06 STUDIO ae	1.4	PASS	17	PASS	PASS	31.4
B5 L06 STUDIO aj	1	PASS	9	PASS	PASS	31.3
B5 L06 STUDIO n	0.1	PASS	8	PASS	PASS	29.2
B5 L06 STUDIO ak	1	PASS	9	PASS	PASS	31.3
B5 L06 STUDIO m	0.2	PASS	10	PASS	PASS	29.7
B5 L06 STUDIO am	0.8	PASS	11	PASS	PASS	30.8
B5 L06 STUDIO aq	0.3	PASS	8	PASS	PASS	29.9
B5 L06 STUDIO ao	0.4	PASS	13	PASS	PASS	30

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L06 STUDIO ap	0.4	PASS	13	PASS	PASS	29.9
B5 L06 STUDIO an	0.4	PASS	13	PASS	PASS	29.8
B5 L06 STUDIO al	1	PASS	9	PASS	PASS	31.3
B5 L06 STUDIO	0.3	PASS	8	PASS	PASS	29.8
B5 L10 BED (3Ba1)	0.4	PASS	6	PASS	PASS	29.7
B5 L10 BED (3Ba2)	0.3	PASS	5	PASS	PASS	29.6
B5 L10 BED (4Ba1)	1.1	PASS	9	PASS	PASS	31
B5 L10 BED (4Ba3)	1	PASS	9	PASS	PASS	30.9
B5 L10 BED (4Ba4)	1	PASS	11	PASS	PASS	30.8
B5 L10 BED (4Ba2)	1.3	PASS	9	PASS	PASS	31.1
B5 L11 BED (4Ba4)	0.8	PASS	11	PASS	PASS	30.7
B5 L11 BED (4Ba2)	1.1	PASS	9	PASS	PASS	31
B5 L10 STUDIO m	0.2	PASS	11	PASS	PASS	29.7
B5 L07 BED (2Bb1)	0	PASS	5	PASS	PASS	29
B5 L07 BED (3Ba3)	0.2	PASS	6	PASS	PASS	29.5
B5 L07 BED (3Ba1)	0.4	PASS	6	PASS	PASS	29.7
B5 L07 BED (3Ba2)	0.3	PASS	5	PASS	PASS	29.6
B5 L07 BED (4Ba1)	1	PASS	7	PASS	PASS	30.9
B5 L00 STUDIO aj	1.6	PASS	12	PASS	PASS	32
B5 L00 STUDIO ak	1.5	PASS	12	PASS	PASS	31.9
B5 L00 STUDIO ai	1.5	PASS	12	PASS	PASS	31.9
B5 L00 STUDIO aw	0.4	PASS	11	PASS	PASS	30
B5 L00 STUDIO ax	0.1	PASS	5	PASS	PASS	29.3
B5 L00 STUDIO al	1.2	PASS	14	PASS	PASS	31.6
B5 L00 STUDIO av	0.4	PASS	5	PASS	PASS	29.9
B5 L00 STUDIO ab	0.9	PASS	15	PASS	PASS	30.7
B5 L00 BED (2Ba1)	0	PASS	3	PASS	PASS	29
B5 L00 STUDIO b	0	PASS	1	PASS	PASS	28.7
B5 L00 STUDIO a	0	PASS	4	PASS	PASS	29
B5 L00 STUDIO e	0	PASS	1	PASS	PASS	28.8
B5 L00 BED (2Bc2)	0.2	PASS	17	PASS	PASS	29.4

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L02 BED (2Bb2)	0	PASS	4	PASS	PASS	28.8
B5 L03 STUDIO e	0.1	PASS	2	PASS	PASS	29.2
B5 L03 STUDIO d	0.2	PASS	10	PASS	PASS	29.5
B5 L03 STUDIO o	0.3	PASS	7	PASS	PASS	29.8
B5 L03 BED (2Bc2)	0	PASS	16	PASS	PASS	29
B5 L03 STUDIO aa	0.5	PASS	15	PASS	PASS	29.9
B5 L03 BED (4Ba4)	0.2	PASS	6	PASS	PASS	29.5
B5 L03 STUDIO h	0.2	PASS	8	PASS	PASS	29.7
B5 L03 STUDIO j	0.2	PASS	8	PASS	PASS	29.7
B5 L03 STUDIO k	0.2	PASS	8	PASS	PASS	29.7
B5 L03 STUDIO ad	1.6	PASS	18	PASS	PASS	31.6
B5 L03 STUDIO ae	1.5	PASS	17	PASS	PASS	31.5
B5 L03 STUDIO af	1.1	PASS	19	PASS	PASS	31.1
B5 L03 STUDIO ag	1	PASS	13	PASS	PASS	31.3
B5 L03 STUDIO ah	1.1	PASS	12	PASS	PASS	31.4
B5 L03 STUDIO ai	1.1	PASS	12	PASS	PASS	31.4
B5 L03 STUDIO aj	1.1	PASS	10	PASS	PASS	31.5
B5 L03 STUDIO ak	1.1	PASS	10	PASS	PASS	31.4
B5 L03 BED (2Ba2)	0.2	PASS	4	PASS	PASS	29.5
B5 L03 STUDIO f	0.1	PASS	17	PASS	PASS	29.5
B5 L03 STUDIO a	0.1	PASS	6	PASS	PASS	29.3
B5 L03 STUDIO c	0.1	PASS	8	PASS	PASS	29.4
B5 L03 STUDIO b	0.1	PASS	8	PASS	PASS	29.4
B5 L03 STUDIO m	0.2	PASS	8	PASS	PASS	29.7
B5 L03 BED (4Ba1)	0.4	PASS	6	PASS	PASS	29.8
B5 L03 BED (4Ba3)	0.2	PASS	6	PASS	PASS	29.6
B5 L03 BED (4Ba2)	0.4	PASS	6	PASS	PASS	29.8
B5 L03 BED (2Bb2)	0	PASS	5	PASS	PASS	28.9
B5 L03 STUDIO p	0.1	PASS	8	PASS	PASS	29.5
B5 L03 STUDIO au	0.3	PASS	8	PASS	PASS	29.8
B5 L03 STUDIO ax	0.1	PASS	7	PASS	PASS	29.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L02 STUDIO ad	1.4	PASS	18	PASS	PASS	31.4
B5 L02 STUDIO l	0.2	PASS	8	PASS	PASS	29.7
B5 L02 STUDIO i	0.2	PASS	8	PASS	PASS	29.7
B5 L02 STUDIO aj	1.1	PASS	10	PASS	PASS	31.5
B5 L02 STUDIO n	0	PASS	8	PASS	PASS	29.1
B5 L02 STUDIO ak	1.1	PASS	11	PASS	PASS	31.4
B5 L02 STUDIO g	0.3	PASS	10	PASS	PASS	29.8
B5 L02 STUDIO m	0.2	PASS	8	PASS	PASS	29.6
B5 L02 STUDIO d	0.2	PASS	10	PASS	PASS	29.6
B5 L02 STUDIO am	0.8	PASS	13	PASS	PASS	30.9
B5 L02 STUDIO b	0.2	PASS	8	PASS	PASS	29.5
B5 L02 STUDIO c	0.2	PASS	8	PASS	PASS	29.5
B5 L02 STUDIO au	0.3	PASS	7	PASS	PASS	29.7
B5 L02 STUDIO aa	0.4	PASS	15	PASS	PASS	29.9
B5 L02 STUDIO at	0.2	PASS	8	PASS	PASS	29.6
B5 L02 STUDIO p	0.1	PASS	8	PASS	PASS	29.4
B5 L02 STUDIO af	1.1	PASS	19	PASS	PASS	31.1
B5 L02 STUDIO k	0.2	PASS	8	PASS	PASS	29.7
B5 L02 STUDIO ar	0.3	PASS	9	PASS	PASS	29.9
B5 L02 STUDIO ab	1.1	PASS	17	PASS	PASS	30.9
B5 L02 STUDIO aq	0.3	PASS	9	PASS	PASS	30
B5 L02 STUDIO ao	0.5	PASS	14	PASS	PASS	30.1
B5 L01 BED (2Bb2)	0	PASS	5	PASS	PASS	29.1
B5 L01 BED (2Bc2)	0.2	PASS	17	PASS	PASS	29.4
B5 L01 BED (2Bc1)	0.6	PASS	13	PASS	PASS	29.9
B5 L01 BED (2Bb1)	0.1	PASS	5	PASS	PASS	29.1
B5 L01 BED (4Ba4)	0.3	PASS	9	PASS	PASS	29.7
B5 L01 BED (2Ba2)	0.3	PASS	5	PASS	PASS	29.9
B5 L01 BED (4Ba2)	0.5	PASS	7	PASS	PASS	30.1
B5 L04 STUDIO o	0.3	PASS	7	PASS	PASS	29.8
B5 L04 STUDIO ag	1.1	PASS	13	PASS	PASS	31.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L04 STUDIO ac	1.6	PASS	18	PASS	PASS	31.7
B5 L04 STUDIO ah	1.1	PASS	12	PASS	PASS	31.4
B5 L04 STUDIO ae	1.5	PASS	17	PASS	PASS	31.5
B5 L04 STUDIO aj	1.1	PASS	10	PASS	PASS	31.5
B5 L04 STUDIO n	0.1	PASS	8	PASS	PASS	29.2
B5 L04 STUDIO ai	1.1	PASS	12	PASS	PASS	31.4
B5 L04 STUDIO aw	0.2	PASS	12	PASS	PASS	29.7
B5 L04 STUDIO ax	0.1	PASS	7	PASS	PASS	29.2
B5 L04 STUDIO au	0.3	PASS	8	PASS	PASS	29.8
B5 L04 STUDIO aa	0.6	PASS	16	PASS	PASS	30.1
B5 L04 STUDIO at	0.2	PASS	9	PASS	PASS	29.7
B5 L04 STUDIO ao	0.5	PASS	13	PASS	PASS	30.1
B5 L04 STUDIO ap	0.4	PASS	13	PASS	PASS	30
B5 L04 STUDIO an	0.4	PASS	13	PASS	PASS	29.9
B5 L04 STUDIO al	1.1	PASS	10	PASS	PASS	31.4
B5 L04 STUDIO	0.3	PASS	9	PASS	PASS	29.9
B5 L04 STUDIO av	0.2	PASS	5	PASS	PASS	29.6
B5 L05 STUDIO ad	1.6	PASS	18	PASS	PASS	31.7
B5 L05 STUDIO o	0.3	PASS	7	PASS	PASS	29.8
B5 L06 STUDIO ad	1.5	PASS	17	PASS	PASS	31.5
B5 L06 STUDIO o	0.3	PASS	7	PASS	PASS	29.8
B5 L06 STUDIO ag	1	PASS	13	PASS	PASS	31.1
B5 L06 STUDIO ac	1.5	PASS	15	PASS	PASS	31.5
B5 L06 STUDIO ah	1	PASS	9	PASS	PASS	31.3
B5 L06 STUDIO ai	1	PASS	9	PASS	PASS	31.2
B5 L06 STUDIO aw	0.2	PASS	9	PASS	PASS	29.5
B5 L06 STUDIO ax	0.1	PASS	5	PASS	PASS	29.1
B5 L06 STUDIO au	0.2	PASS	7	PASS	PASS	29.7
B5 L06 STUDIO aa	0.5	PASS	12	PASS	PASS	30.2
B5 L06 STUDIO at	0.2	PASS	8	PASS	PASS	29.6
B5 L06 STUDIO p	0.2	PASS	8	PASS	PASS	29.6

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L06 STUDIO af	1	PASS	17	PASS	PASS	30.9
B5 L06 STUDIO ar	0.3	PASS	8	PASS	PASS	29.8
B5 L06 STUDIO ab	1.2	PASS	15	PASS	PASS	31.2
B5 L06 STUDIO av	0.2	PASS	4	PASS	PASS	29.5
B5 L10 BED (2Bb2)	0	PASS	5	PASS	PASS	29
B5 L11 BED (3Ba3)	0.1	PASS	5	PASS	PASS	29.3
B5 L11 BED (3Ba1)	0.3	PASS	6	PASS	PASS	29.6
B5 L10 BED (2Bb1)	0	PASS	5	PASS	PASS	29
B5 L10 BED (3Ba3)	0.2	PASS	6	PASS	PASS	29.5
B5 L11 BED (3Ba2)	0.2	PASS	5	PASS	PASS	29.5
B5 L11 BED (4Ba1)	1.1	PASS	6	PASS	PASS	30.9
B5 L11 BED (4Ba3)	1	PASS	8	PASS	PASS	30.8
B5 L11 STUDIO o	0.2	PASS	7	PASS	PASS	29.7
B5 L10 STUDIO o	0.3	PASS	7	PASS	PASS	29.8
B5 L11 STUDIO n	0	PASS	8	PASS	PASS	29.2
B5 L11 STUDIO m	0.2	PASS	9	PASS	PASS	29.6
B5 L11 STUDIO p	0.1	PASS	8	PASS	PASS	29.5
B5 L10 STUDIO n	0.1	PASS	8	PASS	PASS	29.3
B5 L07 BED (2Bb2)	0	PASS	5	PASS	PASS	29
B5 L07 BED (4Ba3)	1	PASS	11	PASS	PASS	30.7
B5 L07 BED (4Ba4)	1	PASS	11	PASS	PASS	30.7
B5 L10 STUDIO p	0.2	PASS	8	PASS	PASS	29.5
B5 L07 BED (4Ba2)	1.1	PASS	10	PASS	PASS	31
B5 L00 BED (2Bc1)	0.5	PASS	10	PASS	PASS	29.9
B5 L00 STUDIO ad	1.5	PASS	16	PASS	PASS	31.2
B5 L00 STUDIO ag	1.2	PASS	13	PASS	PASS	31.8
B5 L00 STUDIO ac	1.5	PASS	16	PASS	PASS	31.2
B5 L00 STUDIO ah	1.6	PASS	12	PASS	PASS	32
B5 L00 STUDIO ae	1.4	PASS	17	PASS	PASS	31.1
B5 L00 STUDIO au	0.4	PASS	9	PASS	PASS	30.1
B5 L00 STUDIO at	0.5	PASS	13	PASS	PASS	30.2

Room Name	Criterion A	PASS/FAIL	Criterion B	PASS/FAIL	TM59 PASS/FAIL	Peak temperature (° C)
B5 L00 STUDIO af	1.1	PASS	16	PASS	PASS	30.9
B5 L00 STUDIO ar	0.7	PASS	15	PASS	PASS	30.5
B5 L00 STUDIO aq	0.6	PASS	9	PASS	PASS	30.4
B5 L00 STUDIO ao	0.7	PASS	15	PASS	PASS	30.6
B5 L00 STUDIO ap	0.7	PASS	15	PASS	PASS	30.5
B5 L00 STUDIO an	0.6	PASS	15	PASS	PASS	30.4
B5 L00 BED (2Ba2)	0	PASS	2	PASS	PASS	29
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria						

Table D.55TM59 overheating assessment results for all living/kitchen spaces within Block 5+, assessed against DSY1 2050

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L00 LIVING/KITCHEN (2Ba)	0.4	PASS	29.4
B5 L00 LIVING/KITCHEN (2Bc)	1.4	PASS	30.6
B5 L01 KITCHEN (2Bb)	0	PASS	28.9
B5 L01 LIVING/KITCHEN (2Ba)	0.7	PASS	29.8
B5 L01 LIVING/KITCHEN (2Bc)	1.5	PASS	30.6
B5 L01 LIVING/KITCHEN (3Ba)	1.3	PASS	30.3
B5 L01 LIVING/KITCHEN (4Ba)	0.5	PASS	29.5
B5 L02 KITCHEN (2Bb)	0	PASS	28.6
B5 L02 LIVING/KITCHEN (2Ba)	0.6	PASS	29.5
B5 L02 LIVING/KITCHEN (2Bc)	1.1	PASS	30.2
B5 L02 LIVING/KITCHEN (3Ba)	0.9	PASS	29.9
B5 L02 LIVING/KITCHEN (4Ba)	0.4	PASS	29.3
B5 L03 KITCHEN (2Bb)	0	PASS	28.6
B5 L03 LIVING/KITCHEN (2Ba)	0.5	PASS	29.5
B5 L03 LIVING/KITCHEN (2Bc)	1.1	PASS	30.2
B5 L03 LIVING/KITCHEN (3Ba)	1.1	PASS	30.1
B5 L03 LIVING/KITCHEN (4Ba)	0.4	PASS	29.3
B5 L04 KITCHEN (2Bb)	0	PASS	28.6
B5 L04 LIVING/KITCHEN (2Bc)	1.1	PASS	30.2
B5 L04 LIVING/KITCHEN (3Ba)	0.9	PASS	29.9
B5 L04 LIVING/KITCHEN (4Ba)	0.4	PASS	29.4

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L05 KITCHEN (2Bb)	0	PASS	28.6
B5 L05 LIVING/KITCHEN (2Bc)	1.1	PASS	30.2
B5 L05 LIVING/KITCHEN (3Ba)	0.9	PASS	30
B5 L05 LIVING/KITCHEN (4Ba)	0.4	PASS	29.4
B5 L06 KITCHEN (2Bb)	0	PASS	28.6
B5 L06 LIVING/KITCHEN (2Bc)	1	PASS	30.1
B5 L06 LIVING/KITCHEN (3Ba)	0.9	PASS	30
B5 L06 LIVING/KITCHEN (4Ba)	0.4	PASS	29.5
B5 L07 KITCHEN (2Bb)	0	PASS	28.9
B5 L07 LIVING/KITCHEN (3Ba)	1.1	PASS	30
B5 L07 LIVING/KITCHEN (4Ba)	0.4	PASS	29.5
B5 L08 KITCHEN (2Bb)	0	PASS	28.9
B5 L08 LIVING/KITCHEN (3Ba)	1.2	PASS	30
B5 L08 LIVING/KITCHEN (4Ba)	0.4	PASS	29.5
B5 L09 KITCHEN (2Bb)	0	PASS	28.9
B5 L09 LIVING/KITCHEN (3Ba)	1.2	PASS	30
B5 L09 LIVING/KITCHEN (4Ba)	0.4	PASS	29.5
B5 L10 KITCHEN (2Bb)	0	PASS	28.9
B5 L10 LIVING/KITCHEN (3Ba)	1.2	PASS	30
B5 L10 LIVING/KITCHEN (4Ba)	0.4	PASS	29.5
B5 L11 KITCHEN (2Bb)	0	PASS	28.8
B5 L11 LIVING/KITCHEN (3Ba)	0.8	PASS	29.9
B5 L11 LIVING/KITCHEN (4Ba)	0.4	PASS	29.5
Spaces marked with an Asterix () have no external windows, and have been assessed against the mechanical ventilation thermal comfort criteria			

Table D.56TM59 overheating assessment results for all circulation spaces within Block 5+, assessed against DSY1 2050

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L00 CORRIDOR d	0.3	PASS	29.2
B5 L00 CORRIDOR e...	2.6	PASS	30.7
B5 L00 CORRIDOR f	0.8	PASS	30
B5 L00 CORRIDOR TM59...	0	PASS	26.2
B5 L00 RISER...	0	PASS	26.7

Room Name	Criterion A	PASS/FAIL	Peak temperature (° C)
B5 L01 CORRIDOR a	0.7	PASS	29.4
B5 L01 CORRIDOR b	0.7	PASS	29.4
B5 L01 CORRIDOR c	0.4	PASS	29.1
B5 L01 CORRIDOR d	0.8	PASS	29.8
B5 L02 CORRIDOR a	0.6	PASS	29.1
B5 L02 CORRIDOR b	0.8	PASS	29.3
B5 L02 CORRIDOR c	0.4	PASS	28.8
B5 L02 CORRIDOR d	0.6	PASS	29.3
B5 L03 CORRIDOR a	0.6	PASS	29.1
B5 L03 CORRIDOR b	0.9	PASS	29.6
B5 L03 CORRIDOR c	0.5	PASS	28.8
B5 L03 CORRIDOR d	0.6	PASS	29.3
B5 L04 CORRIDOR b	0.6	PASS	29
B5 L04 CORRIDOR c	0.4	PASS	28.7
B5 L04 CORRIDOR d	0.6	PASS	29.3
B5 L05 CORRIDOR b	0.7	PASS	29
B5 L05 CORRIDOR c	0.4	PASS	28.8
B5 L05 CORRIDOR d	0.6	PASS	29.3
B5 L06 CORRIDOR b	0.7	PASS	29.1
B5 L06 CORRIDOR c	0.4	PASS	28.7
B5 L06 CORRIDOR d	0.5	PASS	29.2
B5 L07 CORRIDOR b	0.9	PASS	29.2
B5 L08 CORRIDOR b	1.1	PASS	29.4
B5 L09 CORRIDOR b	1.1	PASS	29.4
B5 L10 CORRIDOR b	1.1	PASS	29.4
B5 L11 CORRIDOR b	0.9	PASS	29.3

Appendix E TM52 Overheating Assessment Results

E.1 DSY1 2020

Table E.1 TM52 compliance statistics for all non-domestic, naturally ventilated spaces in the Victoria Point development (DSY1 2020)

Room Name	Criterion 1	Criterion 2	Criterion 3	Criteria failing	TM52 PASS/FAIL
B2 L00 CO-WORKING SPACE	0	0	0	-	PASS
B2 L00 MEETING ROOM	0	0	0	-	PASS
B2 L00 PRIVATE DINING	0	0	0	-	PASS
B2 L00 STUDY SPACE	0	0	0	-	PASS
B2 L03 STUDY SPACE	0	0	0	-	PASS
B3 L00 CO-WORKING SPACE	0	0	0	-	PASS
B3 L00 MEETING ROOM	0	0	0	-	PASS
B3 L00 PRIVATE DINING	0	0	0	-	PASS
B3 L00 STUDY SPACE	0	0	0	-	PASS
B3 L03 STUDY SPACE	0	0	0	-	PASS
B5 L00 STUDY	0	0	0	-	PASS
B5 L00 STUDY	0	0	0	-	PASS
B5 L01 STUDY	0.4	3	1	-	PASS
B5 L02 STUDY	0	0	0	-	PASS
B5 L03 STUDY	0	0	0	-	PASS
B5 L04 STUDY	0.1	1	1	-	PASS
B5 L05 STUDY	0.1	1	1	-	PASS
B5 L06 STUDY	0	0	0	-	PASS

E.2 DSY2 2020

Table E.2 TM52 compliance statistics for all non-domestic, naturally ventilated spaces in the Victoria Point development (DSY2 2020)

Room Name	Criterion 1	Criterion 2	Criterion 3	Criteria failing	TM52 PASS/FAIL
B2 L00 CO-WORKING SPACE	0.6	10	2	2	PASS
B2 L00 MEETING ROOM	0.7	15	3	2	PASS
B2 L00 PRIVATE DINING	0.7	16	3	2	PASS
B2 L00 STUDY SPACE	0.8	17	3	2	PASS
B2 L03 STUDY SPACE	0.7	12	2	2	PASS
B3 L00 CO-WORKING SPACE	0.6	6	1	-	PASS
B3 L00 MEETING ROOM	0.7	13	3	2	PASS

Room Name	Criterion 1	Criterion 2	Criterion 3	Criteria failing	TM52 PASS/FAIL
B3 L00 PRIVATE DINING	0.7	15	3	2	PASS
B3 L00 STUDY SPACE	0.7	14	3	2	PASS
B3 L03 STUDY SPACE	0.7	12	2	2	PASS
B5 L00 STUDY	0.7	13	3	2	PASS
B5 L00 STUDY	0.3	3	1	-	PASS
B5 L01 STUDY	1.1	24	4	2	PASS
B5 L02 STUDY	0.9	20	3	2	PASS
B5 L03 STUDY	0.9	20	3	2	PASS
B5 L04 STUDY	0.9	23	3	2	PASS
B5 L05 STUDY	0.9	23	3	2	PASS
B5 L06 STUDY	0.9	19	3	2	PASS

E.3 DSY3 2020

Table E.3 TM52 compliance statistics for all non-domestic, naturally ventilated spaces in the Victoria Point development (DSY3 2020)

Room Name	Criterion 1	Criterion 2	Criterion 3	Criteria failing	TM52 PASS/FAIL
B2 L00 CO-WORKING SPACE	0.3	2	1	-	PASS
B2 L00 MEETING ROOM	0.1	2	1	-	PASS
B2 L00 PRIVATE DINING	0.1	2	1	-	PASS
B2 L00 STUDY SPACE	0.8	4	1	-	PASS
B2 L03 STUDY SPACE	0	0	0	-	PASS
B3 L00 CO-WORKING SPACE	0	0	0	-	PASS
B3 L00 MEETING ROOM	0.1	1	1	-	PASS
B3 L00 PRIVATE DINING	0.1	1	1	-	PASS
B3 L00 STUDY SPACE	0.1	1	1	-	PASS
B3 L03 STUDY SPACE	0	0	0	-	PASS
B5 L00 STUDY	0.1	1	1	-	PASS
B5 L00 STUDY	0	0	0	-	PASS
B5 L01 STUDY	2.7	11	2	2	PASS
B5 L02 STUDY	1.8	9	2	2	PASS
B5 L03 STUDY	1.9	10	2	2	PASS
B5 L04 STUDY	2	10	2	2	PASS
B5 L05 STUDY	2.1	10	2	2	PASS

Room Name	Criterion 1	Criterion 2	Criterion 3	Criteria failing	TM52 PASS/FAIL
B5 L06 STUDY	1.7	8	2	2	PASS

E.4 DSY1 2050

Table E.4 TM52 compliance statistics for all non-domestic, naturally ventilated spaces in the Victoria Point development (DSY1 2050)

Room Name	Criterion 1	Criterion 2	Criterion 3	Criteria failing	TM52 PASS/FAIL
B2 L00 CO-WORKING SPACE	0.2	0	0	-	PASS
B2 L00 MEETING ROOM	0	0	0	-	PASS
B2 L00 PRIVATE DINING	0	0	0	-	PASS
B2 L00 STUDY SPACE	0	2	1	-	PASS
B2 L03 STUDY SPACE	0	0	0	-	PASS
B3 L00 CO-WORKING SPACE	0	0	0	-	PASS
B3 L00 MEETING ROOM	0	0	0	-	PASS
B3 L00 PRIVATE DINING	0	0	0	-	PASS
B3 L00 STUDY SPACE	0	0	0	-	PASS
B3 L03 STUDY SPACE	0	0	0	-	PASS
B5 L00 STUDY	0	0	0	-	PASS
B5 L00 STUDY	0	0	0	-	PASS
B5 L01 STUDY	1.4	8	2	2	PASS
B5 L02 STUDY	0.8	4	1	-	PASS
B5 L03 STUDY	0.9	4	1	-	PASS
B5 L04 STUDY	0.9	4	1	-	PASS
B5 L05 STUDY	1	5	1	-	PASS
B5 L06 STUDY	0.8	4	1	-	PASS

Appendix F ISO7730:2005 Thermal Comfort Results

F.1 DSY1 2020

Table F.1 Summary of PMV/PPD results for mechanically cooled spaces using the DSY1 2020 weather file

Room Name	Comfortable Occupied Hours (%)	97th Centile PPD	97th Centile PMV
B4 L00 DINING	100%	8.3	0.4
B4 L00 LOUNGE	100%	8.2	0.39
B4 L00 RECEPTION	100%	9.4	0.46
B5 L00 AUDITORIUM	100%	8.8	-0.42
B5 L00 COMMERCIAL	100%	9.6	0.47
B5 L00 DINING	100%	8.8	0.43
B5 L00 LOUNGE	100%	8.4	0.4
B5 L00 RECEPTION	99.9%	9.3	0.45
B5 L00 STAFF ROOM	100%	8.4	0.41
B4 L00 GYM	100%	8.2	0.39
Worst performing space	99.9%	9.6	0.47

F.2 DSY2 2020

Table F.2 Summary of PMV/PPD results for mechanically cooled spaces using the DSY2 2020 weather file

Room Name	Comfortable Occupied Hours (%)	97th Centile PPD	97th Centile PMV
B4 L00 DINING	100%	8.1	0.39
B4 L00 LOUNGE	100%	8	0.38
B4 L00 RECEPTION	100%	9	0.44
B5 L00 AUDITORIUM	100%	8.8	-0.42
B5 L00 COMMERCIAL	100%	9.5	0.47
B5 L00 DINING	100%	8.5	0.41
B5 L00 LOUNGE	100%	8.1	0.38
B5 L00 RECEPTION	99.8%	9.2	-0.45
B5 L00 STAFF ROOM	100%	8.2	0.39
B4 L00 GYM	100%	8	-0.38
Worst performing space	99.8%	9.5	0.47

F.3 DSY3 2020

Table F.3 Summary of PMV/PPD results for mechanically cooled spaces using the DSY3 2020 weather file

Room Name	Comfortable Occupied Hours (%)	97th Centile PPD	97th Centile PMV
B4 L00 DINING	100%	8.3	0.4
B4 L00 LOUNGE	100%	8.3	0.4
B4 L00 RECEPTION	100%	9.1	0.44
B5 L00 AUDITORIUM	100%	9.1	0.44
B5 L00 COMMERCIAL	100%	9.6	0.47
B5 L00 DINING	100%	8.7	0.42
B5 L00 LOUNGE	100%	8.4	0.4
B5 L00 RECEPTION	99.8%	9.4	-0.46
B5 L00 STAFF ROOM	100%	8.5	0.41
B4 L00 GYM	100%	8.3	-0.4
Worst performing space	99.8%	9.6	0.47

F.4 DSY1 2050

Table F.4 Summary of PMV/PPD results for mechanically cooled spaces using the DSY3 2020 weather file

Room Name	Comfortable Occupied Hours (%)	97th Centile PPD	97th Centile PMV
B4 L00 DINING	100%	8.8	0.43
B4 L00 LOUNGE	100%	8.9	0.43
B4 L00 RECEPTION	100%	9.5	0.46
B5 L00 AUDITORIUM	100%	9.1	0.44
B5 L00 COMMERCIAL	100%	9.7	0.47
B5 L00 DINING	100%	9.2	0.45
B5 L00 LOUNGE	100%	9	0.44
B5 L00 RECEPTION	100%	9.3	0.46
B5 L00 STAFF ROOM	100%	9	0.44
B4 L00 GYM	100%	8.4	0.41
Worst performing space	100%	9.7	0.47